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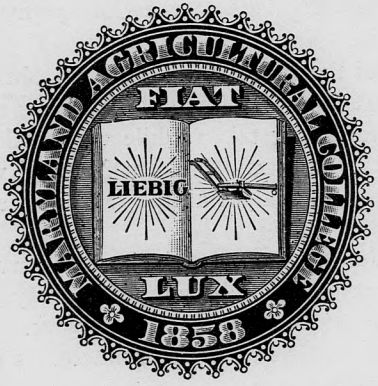

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ADDRESS

Chemical Department, Maryland Agricultural College,

COLLEGE PARK, MD.

ANALYSIS OF

COMMERCIAL FERTILIZERS SOLD IN MARYLAND

BY THE CHEMICAL DEPARTMENT OF THE

MARYLAND AGRICULTURAL COLLEGE.

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The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from March, 1901, to June, 1901, inclusive.

The majority of the samples analyzed are obtained by the different members of the laboratory force while acting as sampling agents, many of the samples being taken while the goods are in transit, on vessels, wharves, cars, at stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all the samples we collect; duplicates are generally omitted.

When a sample has been sent in by a farmer his name appears after the place of sampling. No sample is analyzed unless fully described on blanks furnished by this Department.

No samples are accepted from manufacturers or their agents under any circumstances.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid" are percentages, or pounds per hundred. To get pounds per ton multiply the figures by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The columns headed "No." contain the respective numbers by which the samples are known in the laboratory. In writing to the Chemical Department in regard to analysis the number should always be given. The samples are numbered consecutively on the books of the office, but are arranged alphabetically for publication, which accounts for the mixing up of the numbers.

"The "comparative value found" and the "comparative value guar-

anteed" are calculated, the former from the analysis found, the latter from the analysis guaranteed on the bags, using the following schedule.

In Mixed Fertilizer:	
For Nitrogen, calculated as Ammonia	15 cts. per pound.
" Potash (K_2O), in forms free from muriate	6 " " "
" Potash (K_2O), as muriate	5 " " "
" Available Phosphoric Acid	5 " " "
" Insoluble Phosphoric Acid	2 " " "
" " " " when from S. C. Rock	1 " " "
In Dissolved S. C. Rock:	
Available Phosphoric Acid	4 " " "
In Ground Bone:	
For Nitrogen, calculated as Ammonia, in "Fine" Bone	14 cts. per pound.
" Nitrogen, calculated as Ammonia, in "Fine Medium" Bone	12 " " "
" Nitrogen, calculated as Ammonia, in "Medium" Bone	10 " "
" Nitrogen, calculated as Ammonia, in "Coarse" Bone	8 " " "
" Phosphoric Acid in "Fine" Bone	5 " " "
" " " " "Fine Medium" Bone	4 " " "
" " " " "Medium" "	3 " " "
" " " " 'Coarse" "	2 " " "
In Tankage and Ground Fish:	
For Nitrogen, calculated as Ammonia	12 " " "
" Phosphoric Acid	3 " " "

In using the above schedule *all fertilizers containing less than 1 per cent. of ammonia will be given the rock valuation of 4 cents per pound on the available phosphoric acid.*

The "comparative values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use; this varies considerably, depending on the market prices of the ingredients, freight, commissions, size of order, cash or credit, &c.

Sliding-scale guarantees (the use of a maximum as well as a minimum guarantee), as "Ammonia 1 to 3 per cent" is unlawful. The penalty for the first offence is $100 fine.

It is unlawful to sell any brand of commercial fertilizer before the license for the same has been obtained from the Comptroller. When the license is paid by the manufacturer it is not necessary for his agents to obtain another license for the same brands. If, however, the manufacturer resides out of the State, and does not pay the license, each agent selling the goods or offering the same for sale is held responsible for the license.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8554	Alexandria Fert. & Chem. Co., Alexandria, Va.	Dissolved S. C. Rock....	Hancock.....
8419	American Agricultural Chemical Co., New York	Complete Fertilizer.....	Baltimore.....
8421	" " "	Complete Fertilizer.....	Baltimore.....
8426	" " "	Complete Fertilizer.....	Baltimore.....
8373	" " "	Dissolved Animal Bone..	Baltimore.....
8528	" " "	Pure Ground Bone.....	Ridgeley.....
8391	Armour Fertilizing Works, Baltimore, Md.	All Soluble.....	Baltimore.....
8567	" " "	All Soluble.....	Greensboro ..... (F. P. Roe & Bro.)
8408	" " "	Ammoniated Bone with Potash.	Baltimore.....
8351	" " "	Bone Meal.....	Baltimore.....
8561	" " "	Bone and Potash.....	Baltimore.....
8331	" " "	Fruit and Root Crop Special	Baltimore.....
8431	" " "	Grain Grower.....	Baltimore.....
8339	" " "	High Grade Potato	Baltimore.....
8383	" " "	Phosphate and Potash, No. 1.	Baltimore.....
8568	" " "	Special Mixture.....	Greensboro ..... (F. P. Roe & Bro.)
8401	" " "	Star Phosphate.....	Baltimore..... ...
8385	" " "	Star Phosphate.....	Baltimore.....
8432	" " "	7 Per Cent. Fertilizer....	Baltimore.....
8449	" " "	Tomato Grower.....	Baltimore.....
8562	" " "	Valley Brand Tobacco..	Baltimore.....
8382	" " "	Wheat, Corn and Oat Special.	Baltimore.....
8522	Baltimore Pulverizing Co. Baltimore, Md.	Farmers' Favorite Fertilizer.	Aberdeen.....

No	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8554	.....	.....	.....	.....	1.82	14.15	14	15.97	.....	$11.32	$11.20
8419	1.64	1.50	5.16	5	1.31	6.38	6	7.69	.....	16.98	15.50
8421	2.96	3	4.43	4	1.46	9.46	8	10.92	.....	23.35	21.00
8426	1.88	2	2.27	2	2.83	8.34	8	11.17	.....	17.38	16.00
8373	2.69	2.50	.....	.....	3.60	11.27	12	14.87	.....	20.78	19.50
8528	5.25	4	.....	.....	.....	.....	.....	22.53	20.60	32.81	.....
8391	3.15	2.88	3.93	4	4.90	7.76	8	12.66	10	23.10	20.64
8567	3.84	3.50	5.06	4	4.52	10.39	8	14.91	10	28.78	22.50
8408	3.01	3	2.63	2	1.75	6.55	6	8.30	8	18.91	17.00
8351	4.20	3	.....	.....	.....	.....	.....	23.46	24	28.33	.....
8561	.....	.....	5.01	5	.67	8.99	8	9.66	10	12.33	11.40
8381	2.23	2	5.15	5	4.97	8.91	8	13.88	10	22.74	19.00
8431	2.45	2	3.53	2	1.26	8.58	8	.4	10	19.96	16.00
8339	2.13	2	8.12	10	3.75	9.71	8	13.46	10	26.24	24.00
8383	.....	.....	2.21	2	.59	11.99	10	12.58	.....	11.92	10.00
8568	3.93	4	4.55	4	1.17	8.57	7.50	9.74	.....	25.38	23.50
8401	.....	.....	.....	.....	2.60	13.51	14	16.11	.....	10.81	11.20
8385	.....	.....	.....	.....	1.45	14.57	14	16.02	.....	11.66	11.20
8432	6.27	7	4.71	5	1.34	8.24	6	9.58	.....	32.19	32.00
8449	2.38	2	2.88	2	1.81	8.39	8	10.20	10	19.13	16.00
8562	2.42	2	6.14	5	3.72	9.04	8	12.76	.....	23.93	19.00
8382	1.23	1	1.52	1	2.45	8.41	8	10.86	10	14.60	12.00
8522	1.12	1	2.88	2	.96	6.10	5.50	7.06	.....	12.72	10.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8584	Baltimore Pulverising Co., Baltimore, Md.	H. G. Potato Guano.....	Baltimore.....
8320	" " "	Penniman's Excelsior...	Baltimore.....
8481	" " "	Pure Diss. Animal Bone.	Baltimore.....
8447	" " "	Royal Tomato Compound	Baltimore.....
8379	" " "	Special Potato Mixture..	Baltimore.....
8478	" " "	Special Spring Mixture..	Baltimore.....
8456	" " "	Truckers' Choice.....	Baltimore.....
8422	Baugh & Sons Co., Baltimore, Md.	Animal Bone & Potash Compound.	Baltimore.....
8332	" " "	Bone Meal.....	Baltimore.....
8397	" " "	Corn Fertz. for Sugar Corn and Garden Truck.	Baltimore.....
8328	" " "	Double Eagle Phosphate.	Baltimore.....
8555	" " "	Export Bone with Potash.	Williamsport.....
8322	" " "	Fish Mixture.....	Baltimore.....
8355	" " "	General Crop Grower...	Baltimore.....
8324	" " "	H. G. Acid Phosphate...	Baltimore.....
8425	" " "	H. G. Potato Guano.....	Baltimore.....
8350	" " "	H. G. Tobacco and Truck Fertilizer.....	Baltimore.....
8570	" " "	H. G. Tobacco and Truck	Greensboro..... (F. P. Roe & Bro.)
8354	" " "	H. G. Tobacco and Truck Guano.....	Baltimore.....
8541	" " "	Potato Fertilizer.....	Glen Morris.....
8358	" " "	Potato Fertilizer..... ...	Baltimore.....
8424	" " "	Pure Dissolved Animal Bones.	Baltimore.....
8415	" " "	7 Per Cent. Guano.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8584	2.05	2	10.03	10	.72	8.53	8	9.25	.....	$25.00	24.00
8320	.....	.....	3.04	5	.99	10.13	10	10.12	.....	11.34	13.00
8481	1.93	2	.....	.....	1.92	12.25	.....	14.17	15	18.81	.....
8447	2.31	2	2.10	2	1.66	8.23	8	9.89	.....	17.92	16.00
8379	2.34	2	4.09	4	1.47	5.61	5.50	7.08	.....	17.31	15.50
8478	.....	.....	2.21	2	1.49	8.03	8	9.52	9	8.93	8.60
8456	2.75	3	2.34	3	1.68	8.50	8	10.18	.....	19.76	20.00
8422	2.53	2	2.09	2	1.74	8.72	8	10.46	....	19.09	16.00
8332	4.69	4	.....	.....	.....	....	.....	21.55	21.50	30.87	.....
8397	1.55	1	4.77	4	.91	8.54	8	9.45	... ...	18.32	15.00
8328	2.51	2	3.91	1	1.55	9.70	8	11.25	.....	21.76	15.00
8555	2.82	2	2 01	2	7.26	7.44	.....	14.70	.....	20.81	.....
8322	2.25	2	2.76	2	1.21	8.27	8	9.48	.....	18.26	16.00
8355	1.69	1	1.68	1	1.15	8.84	8	9.99	.....	16.05	12.00
8324	.....	.....	.....	.....	1.06	14.11	14	15.17	.....	11.29	11.20
8425	4.94	5	7.52	7	1.73	7.39	6	9.12	.....	30.42	28.00
8350	4.09	3	4.37	3	1.31	9.28	8	10.59	.....	26.44	20.00
8570	3.12	3	3.79	3	1.87	8.17	8	10.04	.....	22.07	20.00
8354	5.30	5	8.38	7	.86	7.30	6	8.16	.....	31.92	28.00
8541	2.46	2	2.10	2	2.08	9.43	8	11.51	.....	19.74	16.00
8358	2.51	2	2.05	2	2.31	8 94	8	11.25	.....	19.44	16.00
8424	2.63	2.50	....	.....	3.50	14.39	13	17.89	.....	23.68	20.50
8415	6.69	7	5.05	5	1.36	6.96	6	8.32	.....	32.62	32.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8569	Baugh & Sons Co., Baltimore, Md.	Special Mixture.....	Greensboro..... F. P. Roe & Bro.
8420	" " "	Special Tomato Manure.	Baltimore.....
8476	" " "	Soluble Alkaline, Super Phosphate.	Baltimore.....
8327	" " "	Strawberry Mixture.....	Baltimore.....
8599	" " "	S. S. S. Sullivan's Sure Success.	Monrovia.....
8458	" " "	The Old Stand By, Raw Bone Super Phosphate	Baltimore .....
8398	" " "	Tomato Compound.....	Baltimore.....
8374	" " "	Vegetable Compound....	Baltimore.....
8552	" " "	Wheat Fertilizer.....	Cumberland.....
8479	C. M. Bohanan & Co., Baltimore, Md.	S. C. Bone.....	Baltimore.....
8409	Jas. Bonday, Jr. & Co., Baltimore, Md.	Kainit.....	Baltimore.....
8359	T. M. Bramble & Son, Cambridge, Md.	Pea Grower.....	Baltimore.....
8438	" " "	Special Tomato Fertilizer	Cambridge.....
8581	H. T. Brown, Liberty Grove, Md.	Climax Phosphate.....	Baltimore.....
8511	Brumfield & Foster, Colora, Md.	Ammoniated Bone Phosphate.	Elkton.....
8510	" " "	Hard Times Ammoniated Phosphate.	Elkton .....
8509	" " "	H. G. Acid Phosphate...	Elkton .....
8512	" " "	Potato Phosphate.....	Elkton .....
8859	J. L Bullock, Baltimore, Md.	Dissolved Pure Raw Bone.	Baltimore.....
8858	" " "	Pure Ground Raw Bone.	Baltimore.....
8375	Canton Chm. Co.,(Am. Ag Chem. Co.) Balto., Md.	Baker's Dissolved S. C. Rock.	Baltimore.....
8452	" " "	Baker's Fish Guano.....	Baltimore.....
8453	" " "	Baker's Standard H. G. Guano.	Baltimore .....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value Per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8569	3.42	3½	5.37	4½	1.07	9.42	9	10.49	...	$25.48	$24.00
8420	1.85	2	10.95	10	1.17	7.33	5	8.50	.....	24.30	21.00
8476	.....	.....	3.32	2	1.20	8.42	10	9.62	.....	10.29	10.00
8327	6.15	3	5.18	5	.77	7.01	7	7.78	.....	30.95	21.00
8599	2.28	2	3.43	3	1.43	8.56	8	9.99	.....	19.40	17.00
8458	2.20	2	1.24	1	2.26	9.24	8	11.50	.....	17.98	15.00
8398	2.11	2	3.25	2	1 51	9.69	8	11.23	.....	19.73	16.00
8374	1.88	1	2.70	2	1 42	8.28	8	9.70	.....	17.19	13.00
8552	2.37	2	2.11	2	2 31	8.24	8	10 55	.....	18.38	16.00
8479	.....	.....	....	.....	.33	15.54	14	15.87	.....	12.43	11.20
8409	....	.....	12.80	.....	....	....	.....	.....	.....	.....	.....
8359	2.01	2	2.73	2	1.30	8.65	9	9.95	10.00	17.93	17.40
8488	1.16	1	2.25	2	1.14	9.59	9	10.73	10.00	15.77	14.40
8581	2.20	2	2.33	2	1.98	9.32	9	11.30	.....	19.04	17.40
8511	2.56	2	2.52	2	2.87	8.19	8	11.06	.....	19.54	16.40
8510	1.48	1	1.41	1	3.31	8.05	8	11.36	.....	15.22	12.40
8509	.....	.....	....	.....	1.58	15.14	14	16.72	.....	12.11	11.20
8512	2.52	1.50	5.02	5	2.52	6.18	6	8.70	.....	19.77	15.90
8859	3.00	3.67	....	.....	3.87	12.35	12.30	16.22	.....	22.70	23.31
8858	4.52	4.92	.....	.....	.....	.....	.....	22.51	25.20	28.32	.....
8375	.....	.....	....	.....	.66	14.23	14	14.89	.....	11.38	11.20
8452	2.04	2	2.25	2	1.16	8.52	8	9.68	.....	17.35	16.00
8453	2.62	2.50	3.19	3.00	1.73	8.78	8	10.51	.....	20.52	18.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8591	Canton Chm. Co.,(Am. Ag Chm. Co., Balto., Md.	Crop Grower	Sykesville
8538	" " "	Eagle Phosphate	Fowblesburg
8442	" " "	Game Guano	Canton
8441	" " "	Harrow Brand Crop Grower.	Baltimore
8539	" " "	Potato Manure	Baltimore
8376	" " "	Resurgum Guano	Baltimore
8399	" " "	Soluble Bone and Potash	Baltimore
8588	" " "	Truckers' Delight	Baltimore
8444	Clark Cove Fertz. Co.(Am Ag. Chem. Co.) N. Y.	Pea, Tomato and Corn	Baltimore
8445	" " "	Unicorn	Baltimore
8850	E. A. Clendenin, Colora, Md.	F. F. V: Farmers' Favorite Vegetator.	Colora
8351	" " "	N. S: National Standard Ammoniated Phos.	Colora
8847	Josiah Cope & Co., Lincoln University.	Ammoniated Bone Phosphate.	Conowingo
8849	" " "	Potato and Tobacco Phosphate.	Conowingo
8846	" " "	Pure Steam Bone	Conowingo
8848	" " "	Soluble Bone and Potash	Conowingo
8616	Wm. Davidson & Co., Baltimore, Md.	Boss Ammoniated Super Phos.	Belair
8617	" " "	H. G. Ammoniated Super Phosphate.	Belair
8577	" " "	Pen-Mar Ammoniated Bone Phosphate.	Baltimore
8384	" " "	Pure Dissolved S. C. Bone.	Baltimore
8446	" " "	Special Mixture	Baltimore
8439	Detrick Ftz. Ch. Co., (Am. Ag. Ch. Co.) Balto., Md.	Bone and Potash Mixture.	Baltimore
8394	" " "	Corn and Oats Fertilizer.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value Per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8591	1.77	1.50	5.12	5.00	1.98	6.79	6.00	8.77	.....	$18.01	$15.50
8538	1.09	1.00	1.29	1.00	1.68	8.63	7	10.31	.....	13.86	11.00
8442	2.25	2	2.12	2	2.09	9.54	8	11.63	.....	19.24	16.00
8441	1.11	1	1.28	1	1.72	8.83	8	10.55	.....	14.13	12.00
8589	1.58	1.50	5.27	5	1.43	6.40	6	7.83	.....	16.98	15.50
8376	1.19	1	4.12	4	0.92	8.63	8	9.55	.....	16.69	15.00
8399	.....	.....	2.35	2.00	1.03	11.28	10.00	12.31	.....	11.57	10.20
8588	4.72	5	6.58	5	1.22	8.86	7	10.08	.....	30.09	27.00
8444	1.20	0.50	2.14	2	1.81	8.73	8	10.54	.....	15.19	9.90
8445	2.19	2	2.82	2	1.91	9.29	8	11.20	.....	19.44	16.00
8850	1.01	1	1.04	1	2.77	8.28	9	11.05	.....	13.46	13.40
8851	2.04	2	2.29	2	3.36	10.03	10.00	13.39	.....	19.78	19.20
8847	1.08	1	3.01	3	1.32	9.84	10.00	11.16	.....	16.62	16.80
8849	1.21	1	5.18	7	0.83	10.20	10	11.03	.....	19.34	20.80
8846	3.05	2	.....	.....	.....	.....	.....	25.43	25.00	31.96	.....
8848	.....	.....	2.03	2	1.32	10.93	10	12.25	.....	11.03	10.00
8616	2.58	2.50	2.32	2.50	3.05	11.48	8	14.53	11	22.76	19.20
8617	2.84	2.75	3.09	2.75	3.08	12.64	10	15.72	13	25.48	22.20
8577	1.84	1.40	2.82	2.50	2.20	11.27	8	13.47	10	20.49	15.50
8384	.....	.....	.....	.....	1.30	13.85	14	15.15	16	11.08	11.20
8446	4.59	3.50	5.17	4.50	1.19	7.55	7	8.74	.....	27.79	23.90
8439	.....	.....	2.08	2	.74	12.52	11	13.26	.....	12.24	10.80
8394	1.33	1	3.16	3	1.76	9.38	9	11.14	.....	17.23	15.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8607	Detrick Ftz. Ch. Co., (Am. Ag Chm. Co.,) Balto. Md.	Dissolved Bone.....	Silver Springs.....
8335	" " "	Dissolved S. C. Bone....	Baltimore.....
8606	" " "	Farmers New Method...	Silver Springs.....
8585	" " "	Fish Mixture.....	Baltimore.....
8353	" " "	Gold Basis Bone Truck Phosphate.	Baltimore.....
8337	" " "	Gold Eagle...	Baltimore.....
8595	" " "	Imperial Compound.....	Mt. Airy.....
8334	" " "	Kangaroo Komplete Kompound.....	Baltimore.....
8882	" " "	" "	Grantsville, (Sam'l Hirshburger).
8593	" " "	Paragon Ammoniated Phos. & Potash.	Mt. Airy.....
8363	" " "	Quick Step.....	Baltimore.....
8879	" " "	Quick Step Bone Phos.	Grantsville, (Sam'l Hirshburger).
8443	" " "	Royal Crop Grower.	Baltimore.....
8553	" " "	Soluble Bone Phos and Potash.	Hancock.....
8558	" " "	Special Mixture.....	Smithsburg .....
8364	" " "	Standard Potash Fertz.	Baltimore.....
8321	" " "	Tobacco Plant Bed Fertz.	Baltimore.....
8564	" " "	Vegetator Ammoniated Super Phosphate.	Baltimore.....
8559	Dudley & Carpenter, Baltimore, Md.	Dissolved S. C. Rock....	Baltimore.....
8380	" " "	Special Wheat Mixture..	Baltimore... .....
8405	T. W. Eliason, Jr., Chestertown, Md.	No. 1 Amm. Super Phos. of Lime and Potash.	Baltimore.....
8407	" " "	Our Special Dissolved Alk. Phos. & Potash.	Baltimore .....
8545	David Englar. Jr., Medford, Md.	No. 3 Bone Phosphate..	Medford.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8607	2.32	2	.....	.....	2.49	10.98	10	13.47	.....	$18.94	$16.00
8335	....	.....	.....	.....	1.29	14.59	14	15.88	.....	11.67	11.20
8606	2.63	2.50	.....	.....	2.04	9.53	8	11.57	.....	18.23	15.50
8585	1.43	2	2.25	2	1.46	9.88	8	11.34	.....	17.00	16.00
8353	6.83	7	5.34	5	1.38	7.23	6	8.61	.....	33.61	32.00
8337	3.02	3	6.19	6	1.97	6.89	6	8.86	.....	22.93	21.00
8595	1.01	1	2.25	2	1.81	9.22	8	11.03	9	15.22	13.40
8334	2.10	2	3.25	3	1.78	9.63	8	11.41	9	19.89	17.40
8382	2.06	2	3.37	3	3.17	8.99	8	12.16	.....	19.81	18.40
8593	1.16	1	1.22	1	2.11	7.72	7	9.83	8	13.26	11.40
8363	3.07	3	4.23	4	1.24	9.29	8	10.53	.....	23.22	21.00
8879	2.88	3	4.02	4	1.98	8.87	8	10.85	.....	22.32	18.00
8443	1.85	2	2.27	2	3.90	7.62	8	11.52	.....	17.00	16.00
8553	.....	.....	2.06	2	1.76	10.03	10	11.79	.....	10.43	10.00
8558	1.35	1	1.38	1	2.63	9.03	8	11.71	.....	15.53	12.00
8364	1.64	1.50	5.11	5	1.46	6.07	6	7.53	.....	16.68	15.50
8321	9.78	10	4.20	4	1.17	4.92	4	6.09	.....	38.93	38.00
8564	2.59	2.50	3.22	3	1.60	8.07	8	9.67	9	19.70	18.90
8559	....	.....	.....	.....	1.06	15.03	14	16.09	.....	12.02	11.20
8380	....	.....	1.73	1.50	1.03	12.02	12	13.05	.....	11.54	11.30
8405	1.87	1.50	2.46	1	1.07	10.59	9	11.66	.....	19.09	15.50
8407	.....	.....	2.13	1.50	.27	11.06	11	11.33	.....	11.03	10.70
8545	1.65	1.25	2.68	2	.90	9.83	9.50	10.73	11	17.82	15.85

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8544	Englar & Rinehart, Linwood, Md.	No. 2 Ammoniated Bone Phosphate.	Linwood.....
8525	Eureka Fertz. Co., Perryville, Md.	Corn and Potato Special.	Perryman.....
8519	" " "	Farmers' Favorite Bone Phosphate.	Singerly.....
8518	" " "	Imperial Bone.....	Singerly.....
8526	" " "	Potato and Vegetable Fertilizer.	Perryman.....
8527	" " "	Pure Dissolved Bone.....	Perryman.....
8436	W. S. Farmer, Baltimore, Md.	B. & P. Fertilizer.....	Baltimore.....
8586	" " "	Clyde Brand.....	Baltimore.....
8410	" " "	Dissolved S. C. Rock....	Baltimore.....
8582	" " "	Harvest Queen Phosphate	Baltimore.....
8412	" " "	Standard Phosphate.....	Baltimore.....
8411	" " "	Special Tobacco and Potato Guano.	Baltimore.....
8603	Farmer's Fertz. Co., Westminster, Md.	Carroll Bone Phosphate..	Westminster.....
8604	" " "	No. I Bone Phosphate....	Westminster.....
8605	" " "	No. II Bone Phosphate..	Westminster.....
8546	" " "	No. III Bone Phosphate.	Westminster.....
8602	" " "	P. A. and P. Bone Phosphate.	Westminster.....
8548	" " "	S. C. Rock.....	Westminster.....
8547	" " "	X. X. Bone Phosphate...	Westminster.....
8483	Farmers' & Planters Co., Salisbury, Md.	Fish Mixture.....	Salisbury.....
8482	" " "	Trucker's Mixture.....	Salisbury.....
8542	N. I. Gorsuch & Son, Westminster, Md.	Dissolved Raw Bone Phosphate.	Westminster.....
8471	Griffith & Boyd, Baltimore, Md.	Ammoniated Soluble Bone.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8544	.68	1	2.80	1.50	1.27	10.37	11	11.64	.....	$13.39	$15.50
8525	1.64	1	1.92	3	3.46	10.61	9	14.07	11	18.83	15.00
8519	1.28	2	2.37	2	4.87	9.64	10	14.51	12	17.80	18.00
8518	.97	1	1.25	1	3.27	10.16	8	13.43	10	12.94	12.00
8526	1.55	2	1.77	4	3.66	10.70	8	14.36	10	18.58	18.00
8527	1.64	2	.....	.....	6.05	10.36	12	16.41	15	17.70	19.20
8436	.....	.....	2.18	2.50	.88	10.50	10	11.38	.....	10.75	10.80
8586	1.21	1	2.45	2.50	.91	9.04	9	9.95	.....	15.48	14.90
8410	.....	.....	.....	.....	.63	14.49	14	15.12	.....	11.59	11.20
8582	1.55	1.50	3.19	2.50	.97	10 24	10	11.21	.....	18.47	17.60
8412	2.67	2.35	2.38	2.50	1.33	10.19	10	11.52	.....	21.11	20.15
8411	2.94	3	3.49	3	1.46	9.64	8	11.10	.....	22.53	20.40
8603	2.38	.50	3.04	2	1.03	8.16	7	9.19	8	18.75	9.30
8604	2.57	2.50	3.25	2.50	.83	9.03	9	9.86	11	20.32	19.80
8605	2.35	2	2.81	2.50	.66	10.27	9	10.93	10	20.39	17.90
8546	1.32	1.50	1.92	3	1.03	10.75	8	11.78	.....	17.04	15.50
8602	.....	.....	3.41	3	.27	12.07	10	12.34	.....	13.32	11.00
8548	.....	.....	.....	.....	.83	15.15	14	15.98	.....	12.12	11.20
8547	1.09	1	3.18	3	1.28	9.32	8	10.60	.....	16.28	14.00
8483	2.82	3	2 64	2	1.78	8.57	7	10.35	.....	20.38	18.00
8482	3.65	3.50	4.80	4	1.72	7.98	8	9.70	.....	24.42	22.50
8542	1.48	1.40	2.31	2.25	1.58	8.99	7	10.57	8	16.37	13.85
8471	1.15	1	2.70	2	1.61	8.26	7	9.87	8	15.05	12.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8563	Griffith & Boyd, Balto., Md.	Ammoniated Bone Phos.	Baltimore.....
8377	" " "	Cereal Bone Plant Food.	Baltimore.....
8465	" " "	Farmers Improved Phos.	Baltimore.....
8486	" " "	Farmers Potato Manure	Federalsburg.....
8340	" " "	Fish, Bone and Potash..	Baltimore.....
8329	" " "	H. G. Acid Phos	Baltimore.....
8378	" " "	Peerless Fertilizer.....	Canton.....
8472	" " "	Pure Dissolved Animal Bone.	Baltimore... .....
8473	" " "	Pure Fine Ground Bone	Baltimore.....
8341	" " "	Spring Crop Grower.....	Baltimore..... ....
8477	" " "	7 per cent. Guano.....	Baltimore.....
8583	" " "	Special Grain Grower....	Baltimore.....
8469	" " "	Stable Manure Substitute	Baltimore.....
8868	" " "	Tiger Brand.....	Crumpton.....
8437	" " "	Valley Fertilizer.....	Baltimore.....
8457	" " "	X. X. Potash Manure....	Baltimore.....
8349	Griffith & Turner, Balto., Md.	Amoniated Alkaline Plant Food.	Baltimore.....
8466	" " "	Dissolved Bone.....	Baltimore.....
8578	" " "	H. G. Acid Phos	Baltimore.....
8579	" " "	Soft Ground Bone.....	Baltimore.....
8531	The Hanover Fertz. Co., Balto., Md.	Dissolved S. C. Rock....	Alesia.....
8530	" " "	Farmers Crop Winner...	Alesia.....
8529	" " "	Royal Bone and Potash..	Alesia.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8563	2.19	2	2.38	2	1.68	8.60	8	10.28	10	$18.22	$16.00
8377	1.15	1	2.53	2	1.83	8.70	8	10.53	10	15.41	13.80
8465	1.07	1	2.14	1.50	2 20	8.11	7	10.31	9	14.34	12.30
8486	1.13	1	9.17	9	1.77	8.37	8	10.14	.....	21.64	20.00
8340	2.30	1.75	2.67	3	1.98	8.87	7	10.90	8	19.22	15.65
8329	.....	.....	.....	.....	1.25	13.57	14	14.82	15	10.86	11.20
8378	0.65	0.25	2.37	2	1.84	8.45	8	10.29	9	11.45	9.35
8472	2.97	2.50	.. ..	.....	3.53	12.10	10	15.63	11	22.42	17.90
8473	6.45	4	.....	.....	.....	.....	.....	18.71	22	30.38	.....
8341	2.39	2	4.81	4.50	2.46	7.96	7	10.42	8	20.92	17.90
8477	6.15	7	5.16	5	2.43	7.55	5	9.98	.....	32.13	31.00
8583	.....	.....	2.19	2	1.43	10.50	10	11.93	11	10.87	10.20
8469	3.47	3.50	4.58	4	2.66	6.15	5	8.81	.....	22.20	19.50
8868	1.02	1	2.68	2	1.43	9.39	9	10.82	.....	15.70	14.80
8437	1.07	.50	3.31	3	1.84	8.28	8	10.12	9	15.53	11.10
8457	.....	.....	5.61	5	1.00	10.12	10	11.12	11	13.90	13.20
8349	1.31	1	2.36	1.50	1.84	8.59	6.50	10.43	7.50	15.61	11.40
8466	2.25	2	.....	.....	4.27	9.30	9	13.57	10	17.76	15.40
8578	.....	.....	.....	.....	1.36	14.17	14	15.53	15	11.33	11.20
8579	3.39	3	.....	.....	.....	.....	.....	23.90	11	30.97	.....
8531	.....	.....	.....	.....	2.37	14.08	14	16.45	15	11.26	11 20
8530	0.59	.50	1.91	1.50	3.57	7.99	7	11.56	8	10.78	8.80
8529	.....	.....	1.18	1	2 61	9.93	9	12.54	10	9.64	8.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8614	Hanway & Keen, Belair, Md.	H. and K. Ground Bone.	Belair
8612	" " "	H. and K. Standard, High Grade.	Belair
8613	" " "	H. and K. Special Mixture.	Belair
8333	W. H. Hearn & Sons, Cambridge, Md.	Dried Fish	Cambridge. S. L. Byrn.
8516	S. M. Hess & Bro., Philadelphia, Pa.	Ammoniated Bone Super Phosphate.	Lesley
8517	" " "	Ground Bone	Lesley
8498	" " "	Keystone Bone Phosphate.	Centreville
8499	" " "	Potato and Truck Manure.	Centreville
8500	" " "	Soluble Bone and Potash	Centreville
8515	" " "	Special Compound	Lesley
8480	The Home Fertilizer Chem. Co., Balto., Md.	Cerealite Top Dressing	Baltimore
8464	" " "	Slingluff Dissolved Bone	Baltimore
8356	Joshua Horner, Jr., & Co., Baltimore, Md.	Ammoniated Raw Bone Super Phosphate.	Baltimore
8565	" " "	Dissolved S. H. Bone Dust.	Baltimore
8347	" " "	S. H. Bone Dust	Baltimore
8597	Hubbard & Co., Baltimore, Md.	Columbia Gem Phosphate.	Mt. Airy
8386	" " "	H. G. Soluble Tenn. Phosphate.	Baltimore
8367	" " "	Oriental Phosphate for Wheat and Grass.	Baltimore
8346	" " "	Soluble Bone and Potash	Baltimore
8325	" " "	Standard Bone Super Phosphate.	Baltimore
8326	" " "	Truckers' 7 Per Ct. Royal Seal Compound.	Baltimore
8854	" " "	Warranted Pure Raw Bone.	White Hall
8368	Hubbard Fertilizing Co., Baltimore, Md.	Dissolved Raw Bone	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8614	3.30	3	....	.....	.....	.....	.....	25.31	22	$31.46	.....
8612	2.56	2.50	3.03	3	1.63	9.06	8	10.69	9	20.42	18.90
8613	1.20	1	2.04	2	1.38	9.94	9	11.32	10	16.13	14.40
8883	9.72	10.80	... .	.....	.....	.....	.....	8.37	.....	28.35	.....
8516	2.10	2	2.15	2	1.61	8.70	8	10.31	.....	17.79	16.00
8517	4.01	4	.....	.....	...	... .	.....	17.79	20	26.85	.....
8498	1.13	1	1.33	1	1 63	8.52	8	10.15	.....	13.89	12.00
8499	2.58	2 50	6.40	6	1.15	9.33	8	10.48	.....	23.93	21.50
8500	.....	.....	2.01	2	.89	10.59	10	11.48	.....	10.66	10.20
8515	1.18	1	3.82	4	1.74	8.09	8	9.83	.....	16.14	15.00
8480	9.68	9	3.89	2.50	.....	.....	.....	.....	.....	32.93	29.50
8464	2.57	2	.....	.....	2.28	12.74	12	15.02	.....	21.36	18.00
8356	2.57	2.50	2.53	2.50	3.53	9.97	8	13.50	.....	21.62	19.60
8565	2.85	2 50	.....	.....	3.65	11.31	12	14.96	.....	21.32	20.70
8347	7.44	6	.....	.....	.....	.....	.....	18.44	20	32.74	.....
8597	1.17	.5(	1.96	1	2.18	8.03	8	10.21	.....	14.37	8.90
8386	.....	.....	.....	.....	2.16	14.03	14	16.19	.....	11.22	11.20
8367	1.24	1	1.60	1	2.55	7.91	8	10.46	.....	14.25	12.00
8346	.....	.....	2.06	2	3.54	10.70	10	14.24	.....	11.33	10.00
8325	2.49	2	3.12	3	2.48	9.25	8	11.73	.....	20.83	17.00
8326	6.61	7	5.20	5	1.62	6.35	6	7.97	.....	32.27	32.00
8854	5.42	4	.....	.....	.....	.....	.....	15.43	.....	23.45	.....
8368	2.64	2 75	.....	.....	2.60	11.05	11	13.65	.....	20.01	19.25

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8345	Hubbard Fertilizing Co., Baltimore, Md.	Farmers' I. X. L Fertilizer.	Baltimore.....
8366	" " "	Royal Enslgn for Early Market and Vegetable.	Baltimore.....
8395	M. P. Hubbard & Co., Baltimore, Md.	Celebrated Dissolved Bone Phosphate.	Baltimore.....
8460	" " "	" " "	Baltimore .....
8389	" " "	Farmers' Acme Fertilzer.	Baltimore.....
8333	" " "	Farmers' Old Economy..	Baltimore.....
8440	" " "	H. G. Soluble S. C. Phos phate	Baltimore.....
8461	" " "	Soluble Bone and Potash for Wheat and Grass...	Baltimore.....
8366	T. R. Hubbard & Son, Chestertown, Md.	Dissolved Rock.....	Crumpton.....
8869	" " "	Fruit Grower O. B. Guano and Potash.	Church Hill.....
8575	" " "	New Process Peruvian Guano.	Chestertown ..... C. R. Adkinson.
8388	" " "	Our Peerless Fertilizer..	Baltimore.....
8861	" " "	" " "	Chestertown .....
8863	" " "	" " "	Kennedyville.....
8865	" " "	" " "	Kennedyville.....
8867	" " "	" " "	Crumpton .....
8504	" " "	Special Potato Manure...	Chestertown.....
8864	" " "	Victor Phosphate.....	Kennedyville.....
8355	T. C. Hunter, White Hall, Md.	Extra Ammoniated Bone Phosphate.	White Hall.....
8496	Imperial Company, Norfolk. Va.	Special 7 Per Ct. Guano..	Centreville.....
8474	S. L. Lamberd Co., Baltimore, Md.	Boss Fertilizers.....	Baltimore.....
8566	" " "	H. G. Acid Phosphate ...	Baltimore.....
8438	" " "	Pure Dissolved Animal Bone.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8345	2.40	2	2.41	2	2.71	8.35	8	11.06	.....	$19.04	$16.00
8366	3.12	3	4.25	4	2.17	7.62	8	9.79	.....	22.10	21.00
8395	2.16	2.50	1.76	3	.55	8.91	9	9.46	.....	17.37	19.50
8460	1.93	2	1.90	2	1.78	10.72	9	12.50	.....	19.12	17.00
8389	1.53	2	2.01	2	.81	8.60	7	9.41	.....	15.52	15.00
8333	1.27	.50	1.96	1.50	1.32	10.36	8	11.68	10	16.66	9.80
8440	....	.....	....	.....	.92	14.58	14	15.50	.....	11.66	11.20
8461	.....	.....	2.73	2	1.02	9.63	10	10.65	12	10.63	10.40
8866	.....	.....	....	.....	2.86	14.36	14	17.22	.....	11.49	11.20
8869	1.22	1	5.82	6	.68	7.85	.....	8.53	.....	17.59	.....
8575	11.12	10	9.02	10	.37	6.16	6	6.53	.....	50.49	46.00
8388	2.45	2	4.07	4	1.16	10.41	7	11.57	.....	22.29	18.20
8861	1.88	2	3.70	4	1.76	10 66	7	12.42	.....	20.70	17.00
8863	1.81	2	3.98	4	2.36	9.84	7	12.20	.....	20.19	17.00
8865	1.79	2	3.73	4	2.09	10.37	7	12.45	.....	20.30	17.00
8867	1.79	2	3.81	4	2.32	10.45	7	12.77	....	20.59	17.00
8504	2.91	2.50	4.51	5	1.11	10.35	8	11.46	.....	24.03	20.50
8864	1.42	1	2.52	3	1.58	10.19	8	11.77	....	17.60	14.00
8855	1.48	1.50	4.77	4	1.96	8 22	8	10.18	.....	18.86	17.40
8496	6.29	7	5.44	5	4.11	5.39	5	9.50	.....	31.34	31.00
8474	2.16	2	4.56	4	2.50	7.62	7	10.12	.....	19.66	17.40
8566	.....	.....	....	.. ....	1.18	15.13	14	16.31	15	12.10	11.20
8438	3.07	2.50	.....	.....	3.68	11.51	10	15.19	11	22.19	17.90

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8372	Lazaretto Guano Co., (Am. Ag. Cm. Co.,) Balto., Md.	Ammoniated Bone Phos.	Ellicott City.....
8537	" " "	Bone Compound.....	Hampstead.....
8433	" " "	Crop Grower.....	Baltimore.....
8508	" " "	Excelsior A. A. A.....	Betterton.....
8369	" " "	Forsythe & Linthicums Mixture.	Ellicott City.....
8463	" " "	H. G. Bone Phos. & Potash.	Baltimore.....
8371	" " "	Lazaretto Dissolved Bone Phos.	Ellicott City.....
8370	" " "	Lazaretto Dissolved Bone & Potash	Ellicott City.....
8534	" " "	Special Potato Fertilizer.	Hampstead.....
8459	Listers Agr. Chm. Works, Newark, N. J.	Ammoniated Dissolved Bone Phos.	Baltimore.....
8387	" " "	Celebrated Ground Bone, Acidulated.	Baltimore.....
8860	" " "	Fertz. for Corn.....	Baltimore.....
8406	" " "	Harvest Queen.....	Baltimore.....
8460	" " "	Potato Fertilizer No. II..	Baltimore.....
8609	" " "	Pure Raw Bone Meal....	Long Green.....
8342	" " "	Special Crop Producer..	Baltimore .....
8417	" " "	Special Potato Fertilizer.	Baltimore.....
8467	" " "	Success Fertilizer.....	Baltimore .....
8608	" " "	Standard Bone Super Phos. of Lime.	Long Green.....
8365	Md. Fertz. Co., (Am. Ag. Chm. Co.) Balto., Md.	Alkaline Bone.....	Baltimore .....
8587	" " "	Ammoniated Bone	Baltimore.....
8361	" " "	Bono Super Phos.....	Baltimore .....
8362	" " "	Dissolved S. C. Bone....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8372	1.12	1	2.26	2	1.08	8.94	8	10.02	.....	$14.99	$13.00
8537	1.16	1	3.08	3	.96	9.27	8	10.23	.....	16.21	14.00
8433	2.18	2	2.18	2	1.72	8.58	8	10.30	.....	17.99	16.00
8508	1.09	1	1.37	1	.97	9.29	7	10.26	.....	14.32	11.00
8369	2.72	2.25	4.28	4	3.26	10.78	9	14.04	.....	24 52	21.55
8463	.....	.....	4.09	3	.23	12.47	12	12.70	.....	14.11	12.60
8371	.....	.....	.....	.....	.36	15.31	14	15.67	.....	12.25	11.20
8370	.....	.....	2.07	2	.92	10.88	10	11.80	.....	10.95	10.00
8534	1.26	1	4.11	4	.97	8.47	8	9.44	.....	17.57	15.80
8459	2.52	2 50	1.71	1	2.57	10.02	8	12.59	9	20.32	16.90
8387	4	3.20	.....	.....	7.29	7.90	.....	15.19	12	22.82	.....
8860	1.12	1	1.11	1	3 77	7.51	7	11.28	.....	13.71	11.20
8406	1.98	1.50	2.09	2	3.05	8.47	9	11.52	11.50	17.72	16.00
8400	2.01	2	4.19	4	1.31	10.62	10	11.93	.....	21 36	20.00
8609	3.47	3.25	....	.....	.....	.....	.....	24.47	23	29 16	.....
8342	1.18	1	1.25	1	3.53	7.58	7	11.11	8	14 03	11.40
8417	2.14	2	2 92	3	3.72	8 05	8	11.77	.....	18.88	17.00
8467	1.66	1.50	2.09	2	2 12	9.85	9	11.97	11	17.88	16.30
8608	3.01	3	2.20	2	2 87	9.75	9	12.62	11	22.13	20.80
8365	.....	.....	3.01	3	.52	12.59	12	13 11	.....	13.18	12.60
8587	2.18	2	3.27	3	2.68	8 70	8	11.38	.....	19.58	17.00
8361	.....	.....	2.09	2	.82	10.87	10	11.69	.....	10.95	10.00
8362	.....	.....	.....	.....	.67	14.10	14	14.77	.....	11.28	11.20

No.	Name and address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8349	Md. Fertz. Co., (Am. Ag. Ch. Co.), Baltimore, Md.	Magic Guano.....	Cumberland .....
8610	" " "	Pure Ground Bone.....	Long Green.....
8360	" " "	Sangston's Cereal and Plant Food.	Baltimore .....
8462	" " "	Slingluff's Top Dresser.	Baltimore..... ...
8493	" " "	Tornado Fertilizer.....	Queen Anne.....
8348	F. Maynard, Baltimore, Md.	H. G. Truckers' Pride...	Baltimore.....
8450	" " "	Maynard's Choice.....	Baltimore.....
8451	" " "	Special Vegetator.....	Baltimore.....
8532	F. Mehring, Bruceville, Md.	Acid Phosphate.....	Hampstead .....
8601	" " "	Dissolved Raw Bone.....	Bruceville.....
8600	" " "	General Crop Grower....	Bruceville.... .....
8344	Miller Fertilizing Co , Baltimore, Md.	Ammoniated Dissolved Bone.	Baltimore.....
8611	" " "	Ground Bone.....	Hyde .....
8330	" " "	Harvest Queen.....	Baltimore.....
8352	" " "	Hustler Phosphate.....	Baltimore.....
8413	" " "	McAffee's Standard Ammoniated Bone Phos...	Baltimore.....
8323	" " "	No. 1 Potato and Vegetable Grower.	Baltimore. .....
8331	" " "	Potato and Vegetable Grower.	Baltimore .....
8336	" " "	Special Tobacco Grower	Baltimore.....
8357	" " "	Special Potato Fertilizer.	Baltimore.....
8428	" " "	Special Tomato Grower .	Baltimore.....
8343	" " "	S. C. Rock.....	Baltimore..... .....
8338	Miller Fertilizer Co., Baltimore. Md.	Standard Phosphate.....	Baltimore..... ..

No.	NITROGEN Calculated as AMMONIA.		POTASH, KO.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8549	1.17	1	2.24	2	1.00	8.82	9	9.82	.....	$14.97	$14.00
8610	4.77	4	....	.....	.. .	....	.....	22.91	.....	31.74	.....
8360	1.66	1.50	2.29	2	1 21	9.14	9	10.35	.....	16.89	15.50
8462	4.57	5	2.60	2.50	1.25	7.17	5	8.42	.....	23.98	22.50
8493	.. ..	.....	5.11	5	.70	11.18	12	11.88	.....	14.19	14.60
8348	4.98	5	2.65	2 50	1.60	8.51	5	10.11	.....	26.74	23.30
8450	3.81	3	2.89	2.50	2.23	8.34	7	10.57	.....	23.55	18.50
8451	2.69	2	2.34	2	3.12	9.94	8	13.06	9.50	21.60	16.60
8532	.....	.....	.....	.....	2.18	15.43	15	17.61	.....	12.34	12.60
8601	2.18	1.50	....	.....	1.26	16.30	14	17.56	.....	23.34	18.90
8600	.99	.75	1.64	1	3 31	13.02	11	16.33	.....	15.68	12.05
8344	2.15	2	2.52	2	.57	8.98	8	9.55	.....	18.18	16.80
8611	3.15	3	.....	.....	....	....	.....	25.68	.....	30.65	.....
8330	1.60	1 25	2.68	2.25	1.30	10.60	10	11.90	.....	18.60	16.60
8352	1.34	1	1.26	1	1.31	9.31	8	10.62	.....	15.11	12.80
8413	2.40	2	2.01	1.50	1.73	8.03	8	9.76	.....	17.93	15.50
8323	3.83	4.50	7.29	7	1.23	8.90	8	10.13	....	28.17	28.90
8331	2.06	2	4.40	4	1.15	8.71	8	9.86	.....	19.75	18.40
8336	2.35	2	5.75	4	.53	8.36	8	8.89	.....	21.37	18.40
8357	1.14	1	4.77	5	.69	7.90	7	8.59	.....	16.37	15.80
8428	2.45	2	2.20	2	1.47	8.42	8	9.89	.....	18.56	16.80
8343	.....	.....	.....	... .	.47	15.33	14	15.80	.....	12.26	11.20
8338	3.01	8	3.02	3	1.63	8.61	8	10.24	.....	21.31	20.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8475	" " "	W. G. Phosphate.....	Baltimore.....
8856	G. R. Mowell, Glencoe, Md.	Dissolved S. C. Rock....	Monkton.....
8857	" " "	Standard Bone Phos.....	Monkton.....
8645	J. B. Nichols & Son, Baltimore, Md.	Farmer's Friend Guano.	Baltimore.....
8714	The Nickerson Fert. Co., (A.A C.Co) Easton, Md.	Nickerson's Acid Phos..	Baltimore.....
8754	" " "	Nickerson's Advance....	Denton.....
8722	" " "	Nickerson's Mixture.....	Baltimore.....
8623	" " "	Nickerson's Truck Guano.	Baltimore.....
8630	G. Ober & Sons Co., Baltimore, Md.	Dissolved Bone Phosphate and Potash	Baltimore.....
8631	" " "	Dissolved Bone Phosphate.	Baltimore.....
8628	" " "	Farmer's Mixture.....	Baltimore.....
8629	" " "	Farmer's Standard Ammoniated Phosphate.	Baltimore.....
8634	" " "	Fish Bone and Potash...	Baltimore.....
8753	" " "	Fish and Potash.....	Denton.....
8713	" " "	Pure Bone Meal.....	Baltimore.....
8811	" " "	Special Plant Food.....	Baltimore.....
8702	L. G. Orndorff, Washington, D. C.	Potato Guano.....	Baltimore.....
8735	Patapsco Guano Co., Baltimore, Md.	Balto. Soluble Phos.....	Snow Hill.....
8637	" " "	Corn and Tomato Fertz.	Baltimore.....
8644	" " "	Coon Brand Guano	Baltimore.....
8687	" " "	Early Trucker.....	Baltimore.....
8621	" " "	Fish Guano.....	Baltimore.....
8668	Patapsco Guano Co., Baltimore, Md.	Fish Guano	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8475	.93	.50	1.09	1	1.22	8.43	7	9.65	.....	$10.86	$ 8.50
8856	.....	.....	.....	.....	1.20	13.84	14	15.04	15	11.07	11.20
8857	2.04	2	1.84	2	1.41	11.78	10	13.19	11	20.30	18.40
8645	3.91	4	4.03	4	1.21	8.66	7	9.87	.....	24.90	23.00
8714	.....	.....	.....	.....	1.46	14.51	14	15.97	.....	11.61	11.20
8754	1.01	1	1.25	1	2.64	9.20	7	11.84	.....	14.53	11.00
8722	.98	.50	2.30	2	1.51	9.30	8	10.81	.....	12.98	9.90
8623	2.13	2	2.40	2	2.01	9.19	8	11.20	.....	18.78	16.00
8630	....	.....	4.94	2	4.45	12.50	11	16.95	.....	15.83	10.80
8631	.....	.....	.....	.....	.69	15 40	14	16.09	.....	12.32	11.20
8628	1.46	1	2.80	2	.94	10.58	9	11.52	.....	18.14	14.80
8629	2.36	2	2.33	2	1.13	10.90	9	12.03	11	20.76	17.80
8634	3.24	3.25	4.44	3.50	2.10	8.91	8	11.01	.....	23.91	22.05
8753	2.49	2	2.51	2	1.47	10.28	9	11.75	.....	20.85	17.00
8713	4.22	4	.....	.....	.....	.....	.....	24.43	21	32.82	.....
8811	2.75	2	5.01	5	.61	10.45	9	11.06	.....	23.95	20.40
8702	3.28	3	5.34	5	1.04	9.99	8	11.03	.....	25.58	22.00
8735	....	.....	2.08	2	.45	11.82	11	12.27	.....	11.62	11.00
8637	1.53	1.50	2.19	2	.91	9.52	9	10.43	.....	16.66	16.30
8644	1.05	1	2.91	3	1.06	9.88	9	10.94	.....	16.36	15.40
8687	4.76	5	4.90	5	1.15	8.69	7	9.84	.....	28.43	27 00
8621	2.19	2	2.23	2	1.14	8.63	5	9.77	.....	17.88	13.00
8668	2.07	2	2.54	2	1.07	8.29	9	9.36	.....	17.47	17.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8620	" " "	H. G. Bone and Potash..	Baltimore.....
8757	" " "	Pure Dissolved S.C. Bone	Georgetown.....
8786	" " "	Sea Gull Guano.	Baltimore.....
8717	" " "	Soluble Bone and Potash	Baltimore.....
8694	" " "	Special Wheat Compound	Baltimore.....
8688	" " "	Tobacco and Potato Fertilizer.	Baltimore.....
8789	Pearre & Clemson, Union Bridge.	Farmers' Choice.....	Union Bridge.....
8622	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	H. G. S. C. Bone.....	Union Bridge .....
8638	" " "	Insular Guano.....	Baltimore.....
8627	" " "	Levering's Standard.....	Baltimore.....
8635	" " "	Mt. Airy Garden and Truck Fertilizer.	Baltimore.....
8624	" " "	Piedmont Potato Producer.	Baltimore.....
8625	" " "	Piedmont Soluble Bone and Potash.	Baltimore.....
8640	" " "	Pure Raw Bone Mixture	Baltimore.....
8632	" " "	Royal Ammoniated Bone and Potash.	Baltimore.....
8647	R. H. Pollock, Baltimore, Md.	Accomac Trucker.....	Baltimore.....
8655	" " "	Ammoniated Bone Phosphate	Baltimore.....
8696	" " "	Dissolved S. C. Bone ...	Baltimore.....
8705	" " "	Ground Animal Bone ...	Beltsville .....
8692	" " "	Owl Brand Guano.....	Baltimore.....
8654	" " "	Soft Ground Bone.....	Baltimore.....
8824	" " "	Soluble Bone and Potash	Mt. Airy.....
8633	" " "	Special Potato and Tobacco.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K^0O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8620	.....	.....	4.22	5	.64	11.54	11	12.28	.....	$13.58	$13.80
8757	.....	.....	....	.....	.33	14.45	14	14.78	.....	11.56	11.20
8786	1.05	1	1.17	1	.98	9.16	8	10.14	.....	13.87	12.40
8717	....	.....	2.22	2	.86	10.76	10	11.62	.....	11.00	10.00
8694	2.40	2.50	3.04	2.50	3 21	10.15	9	13.36	14	21.67	21.00
8688	2.37	2	4.01	4	1.75	8.92	8	10.67	.....	20.74	18.00
8789	.85	.87	1.88	1.75	1.48	10.22	8.50	11.70	9.50	12.89	11.36
8623	.....	.....	....	.....	2.00	13.95	14	15.95	15	11.16	11.20
8638	1.43	.37	1.74	1	1.83	9.08	7	10.91	.....	15.84	7.71
8627	1.93	2	3.51	3	2.19	9.39	8	11.58	.....	19.56	17.00
8635	3.78	4	3.55	3	1.40	9.45	8	10.85	9	24.90	23.40
8624	3.06	3	6.40	6	1.94	6.39	5	8.33	.....	22.75	20.00
8625	.....	.....	1.80	2	1.77	7.77	8	9.54	.....	8.37	8 40
8640	1.32	1.25	1.60	1.50	5.45	11.08	8	16.53	.....	18.82	13.25
8632	2.16	1.30	4.64	3	2.51	8.14	6	10.65	8	20.26	13.70
8647	4.86	5	5.21	5	1.76	7.86	7	9.62	8	28.35	30.40
8655	2.22	2	2.10	2	1.42	8.47	8	9.89	9	17.80	16.40
8686	.....	.... ..	.....	.....	.57	14.22	14	14.79	15	11.37	11.20
8705	5.08	4	.....	.....	.....	.....	.....	22.70	22	34.08	.....
8692	.70	.50	2.24	1.50	.90	8.27	7	9.17	8	11.13	8.80
8654	4.71	3	.....	.....	.....	.....	.....	20.59	14	31.30	.....
8824	....	.....	2.08	2	1.06	12.59	11	13.65	12	12 36	11.00
8633	2.13	2	4.01	4	1.79	3.10	8	9.89	.....	19.22	18.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8809	R. H. Pollock, Baltimore, Md.	Special 10 Per Ct. Guano	Baltimore
8682	" " "	Superior Corn and Tomato Fertilizer.	Baltimore
8667	" " "	Victor Bone Phosphate..	Baltimore
8827	The Ramsburg Fertilizer Co., Frederick, Md.	Alkaline Phosphate.....	Mt. Airy
8829	" " "	Ammoniated Bone Phosphate	Frederick
8826	" " "	Corn and Potato Fertilizer.	Mt. Airy
8831	" " "	Dissolved Animal Bone..	Silver Springs
8815	" " "	Dissolved Bone Phosphate.	Mt. Airy
8828	" " "	Excelsior Plant Food...	Frederick
8877	" " "	Ammoniated Bone Phosphate.	Kemptown. B. J. Branderburg
8878	" " "	Dissolved Bone Super Phosphate.	Kemptown B. J. Branderburg
8332	" " "	Old Virginia Compound.	Silver Springs
8690	Rasin - Monumental Co., Baltimore, Md.	Ammoniated Super Phosphate.	Baltimore
8887	" " "	Kainit.	Denton H. M. Cade.
8888	" " "	Monumental Phosphate and Potash.	Denton H M. Cade.
8669	" " "	Monumental Acid Phosphate.	Baltimore
8817	" " "	Monumental Potato Manure.	Sykesville
8681	" " "	Monumental Sol. Bone Phosphate and Potash.	Baltimore
8670	" " "	Monumental Spec. Bone and Potash Fertilizer.	Baltimore
8646	" " "	Monumental Spec. Fish and Potash Mixture....	Baltimore
8680	" " "	Rasin's Acid Phosphate.	Baltimore
8845	" " "	Rasin's Bone & Potash..	Rising Sun
8814	" " "	Rasin's I. X. L. Fertilizer	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8809	9.72	10	3.33	3	1.42	6.65	5	8.07	.....	$39.71	$38.40
8682	1.07	1	2.23	2	1.03	8.63	8	9.66	8	14.48	13.40
8667	.....	.....	1.25	1	.33	9.92	9	10.25	10	9.24	8.40
8827	....	.....	3.51	2	.87	8.25	10	9.12	12	10.28	10.40
8829	1.01	1	1.79	2	2.56	10.90	10	13.46	12	16.74	15.40
8826	1.23	1.25	1.94	3	3.62	9.35	8.10	12.97	.....	16.43	15.45
8831	2.56	2	.....	.....	6,34	10.97	10	17.31	13	21.18	17.20
8815	.....	.....	.....	.....	.39	14.30	14	14.69	.....	11.44	11.20
8828	2.05	2.25	1.79	2	2.58	11.68	9	14.26	.....	20.65	17.75
8877	2.13	1	2.28	2	1.41	11.98	10	13.39	12	21.21	15.80
8878	.....	.....	.....	.....	1.53	14.46	14	15.99	16	11.57	11.20
8832	1.19	1.50	1.64	2	3.71	9.39	9	13.10	.....	16 08	16.30
8690	1.19	1	1 34	1	.51	9.20	8	9.71	.....	14.31	12.00
8887	.....	.....	12.35	12.	.....	.....	.....	.....	.....	.....	.....
8888	.....	.....	2.43	2	1.35	9.53	10	10.88	.....	10.05	10.00
8669	.....	.....	.....	.....	.53	14.54	14	15.07	.....	11.63	11.20
8817	1.38	1	3.45	4	.59	7.34	6	7.93	.....	15.16	13.00
8681	.....	.....	2.04	2	1.86	10.28	10	12.14	.....	10.63	10.00
8670	.....	.....	4.95	5	.79	12.39	12	13.18	.....	15.02	14.60
8646	2.90	3	2.91	3	1.38	6.75	6	8.13	.....	18.91	18.00
8680	.....	.....	.....	.....	.48	14.40	14	14.88	.....	11.52	11.20
8845	....	.....	1.84	2	1.30	11.11	10	12.41	.....	10.99	10.00
8814	1.44	1	3 13	3	.48	10.00	9	10.48	.....	17.64	15.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8652	Rasin-Monumental Co., Baltimore, Md.	Rasin's X.X.X. Fertilizer	Baltimore.....
8689	" " " "	Special Mixture for Tomato and Corn.	Baltimore.....
8810	" " " "	Wm. Penn Crop Grower.	Baltimore.....
8844	The Henry Reckord Mfg. Co., Bel Air, Md.	Animal Bone Phosphate	Belair..... ....
8838	" " " "	Dissolved Bone	Fallston.....
8710	" " " "	Dissolved S. C. Bone.....	Baltimore.....
8773	" " " "	Farmer's Mixture.....	Perryman.....
8836	" " " "	Fine Ground Bone.....	Fallston.....
8837	" " " "	Fine Ground Bone.....	Fallston..... ...
8876	" " " "	Slaughter House Bone...	Upper Cross Roads. (W. Woodward.)
8835	" " " "	Special Compound.....	Fallston.....
8839	" " " "	Special Compound.....	Reckord.....
8841	W. P. Reckord, Reckord, Md.	Pure Ground Raw Bone..	Reckord.....
8840	" " " "	Special Compound.....	Reckord.....
8730	Redden Paradee & Co, Pocomoke, Md.	Special Potato Guano....	Pocomoke.....
8770	John S. Reese & Co.. (A. A. C. Co.,) Balto. Md.	Ammoniated Bone Phosphate Mixture.	Singerly.....
8720	" " " "	Crown Phosphate and Potash.	Baltimore.....
8772	" " " "	Dissolved Phosphate of Lime.	Singerly.....
8719	" " " "	Half and Half.....	Baltimore.....
8790	W. G. Rinehart & Co., Union Bridge.	No. 2 Bone Phosphate....	Union Bridge.....
8791	" " " "	No. 3 Bone Phosphate....	Union Bridge .....
8768	W. E. Robinson, Vale, Md.	Fruit & Grain Grower...	Singerly .....
8834	" " " "	Tomato Grower.....	Fallston ;.....;....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8652	1.65	2	4.77	5	1.29	8.62	8	9.91	.....	$18.85	$19.00
8689	....	.....	3.22	3	.87	7.80	6	8.67	.....	9.63	7.80
8810	1.36	1	1.21	1	.30	9.04	8	9.34	.....	14.45	12.00
8844	1.24	1.25	2.35	2	.87	8.51	9	9.38	.....	14.93	14.75
8838	2.61	2.50	.....	.....	3.52	12.43	12	15.95	13	21.67	19.50
8710	.....	.....	.....	.....	.83	14.71	14	15.54	.....	11.77	11.20
8773	1.26	1	1.06	1	1.06	8.85	7	9.91	.....	14.11	11.00
8836	.99	3	.....	.....	.....	.....	.....	23.41	25	23.16	.....
8837	.97	3.50	....	.....	.....	.....	.....	23.46	20	22.39	.....
8876	1.16	4.50	.....	.....	.....	.....	.....	28.23	20	26.92	.....
8835	2.01	2	2.57	2	.87	8.80	9	9.67	13	17.75	17.00
8839	1.02	2.03	2.21	2.13	6.40	11.10	10.66	17.50	13.18	18.93	18.88
8841	4.36	3	.....	.....	.....	.....	.....	17.83	20	22.38	.....
8840	1.49	1	2.13	2	1.49	9.95	9	11.43	.....	17.14	14.00
8730	3.53	4	6.04	6	.96	6.60	6	7.56	.....	23.61	24.00
8770	1.48	1	3.07	3	2.40	9.30	9	11.70	10	17.77	15.40
8720	.....	.....	2.09	2	1.06	11.29	11	12.35	.....	11.33	10.80
8772	.....	.....	.....	.....	1.31	15.09	14	16.40	15	12.07	11.20
8719	1.25	1	1.17	1	.80	8.97	7	9.77	.....	14.21	11.00
8790	2.30	1.55	2.08	2.50	2.44	9.55	8.27	11.99	.....	19.50	15.42
8791	1.14	.75	2.60	3.21	1.37	8.74	8.09	10.11	.....	15.31	11.93
8768	.....	.....	4.19	2	1.48	10.37	10	11.85	.....	12.77	10.00
8834	3.05	3	3.18	2.75	3.10	8.45	10	11.55	.....	22.66	22.30

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8639	W. E. Robinson, Vale, Md.	Vegetable Fertilizer.....	Baltimore.....
8769	" " "	Wheat Fertilizer.....	Singerly.....
8881	The Scientific Fertz. Co., Herr's Island, Pittsbg., Pa.	Corn & Grain Fertilizer..	Grantsville, (Sam'l Hershburger.)
8880	" " "	Scientific Economy.....	Grantsville, (Sam'l Hershburger.)
8764	Scott Fertilizer Co., Elkton, Md.	Corn & Oats Grower....	Elkton.....
8762	" " "	Elk Head Super Phos....	Elkton.....
8760	" " "	Potato, Truck & Tobacco	Elkton.....
8766	" " "	Pure Ground Raw Bone.	Elkton.....
8765	" " "	Sure Growth Compound.	Elkton.....
8761	" " "	Sure Growth Super Phos.	Elkton.....
8759	" " "	Tip Top & Potash.....	Elkton.....
8763	" " "	Tip Top Soluble Bone...	Elkton.....
8779	Charles Shaeffer, Westminster, Md.	Acid Phosphate.....	Westminster.....
8783	" " "	Big Gun.....	Westminster.....
8780	" " "	Governor.....	Westminster.....
8782	" " "	Leader.....	Westminster.....
8781	" " "	Super A.....	Westminster.....
8721	Smith, Rouse & Webster, Bel Air, Md.	Pure Dissolved Bone....	Baltimore.....
8715	" " "	Special Formula No. 1.	Baltimore.....
8716	" " "	Special Formula No. 2.	Baltimore.....
8662	The Southern Fertilizer Co., York, Pa.	Ammoniated Dissolved Bone.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8639	2.08	2	2.48	2	1.50	10.03	9	11.53	.....	$19.35	$17.00
8769	1.69	2	1.44	2	1.23	11.09	8	12.32	.....	18.09	16.00
8881	2.30	2.10	2.49	2.15	4.02	7.48	7.40	11.50	8.50	18.48	16.25
8880	2.66	2.20	4.62	3.90	2.61	10.18	7.65	12.79	8.75	23.82	18.59
8764	.85	.50	2.34	2	1.26	11.80	8	13.06	.....	14.58	9.90
8762	1.19	1	1.03	1	4.87	11.76	9	16.63	.....	18.31	13.00
8760	2.24	2	5.70	5	2 91	8.59	7	11.50	.....	22.17	18.00
8766	5.06	4	.....	.....	.....	.....	.....	23.04	22	29.32	.....
8765	3.65	4	7.43	8	1.47	10.25	7	11.72	.....	30.71	28.60
8761	2.06	2	2.46	2	2 56	12·44	10	15.00	12	22.10	18.80
8759	....,	.....	2.35	2	2.59	12.84	11	15.43	.....	13.14	10.80
8763	.....	.....	.....	.....	1.86	15.61	14	17.47	.....	12.49	11.20
8779	.....	.....	.....	.....	.79	15.18	14	15.97	.....	12.14	11.20
8783	2.23	2	2.17	2	.68	11.55	10	12.23	.....	20.68	18.00
8780	1 59	1 50	2.54	2.50	1.05	10.77	9	11.82	.....	18.50	16.00
8782	1.13	1	1.80	1.50	.97	10.15	8	11.12	.....	15.73	12.50
8781	.87	.75	1.54	1	.46	9.14	8	9.60	.....	11.55	11.45
8721	2.89	2.50	.....	.....	3.66	12.50	12	16.16	.....	22.63	19.50
8715	2.47	2	2.09	2	1.41	10.02	9	11.43	.....	20.08	17.60
8716	1.28	1	2.01	2	1.20	10.54	9	11.74	.....	16.87	14.60
8662	1.98	2	2.69	2.50	1.40	10.88	10	12.28	.....	20.07	18.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8684	The Southern Fertilizer Co., York, Pa.	Dissolved Bone Phos....	Baltimore.....
8663	" " "	Export Bone and Potash.	Baltimore.....
8661	" " "	Farmers Choice Brand.	Baltimore.....
8633	" " "	General Crop Grower...	Baltimore.....
8706	" " "	Pure Ground Bone.....	Baltimore.....
8635	" " "	Soluable Bone & Potash.	Baltimore.....
8664	" " "	Special Potato Grower..	Baltimore.....
8785	G. W. Stocksdale, Thurmont, Md.	Ammoniated Super Phos.	Thurmont.....
8803	J. W. Stonebraker & Son, Hagerstown, Md.	Champion.....	Hagerstown.....
8636	W. H. Street & Co., Baltimore, Md.	Ammoniated Dissolved Bone.	Baltimore.....
8886	" " "	Tankage.....	Forrest Hill..... (A. B. Twining).
8679	" " "	S C. Rock.....	Baltimore.....
8833	" " "	Special Crop Grower....	Fallston.....
8700	Susquehanna Fertilizer Co (A.A.C.Co.) Balto. Md.	Alkaline Bone Phos.....	Baltimore.....
8697	" " "	Amoniated Bone Phos ..	Baltimore.....
8649	" " "	Crop Grower	Baltimore.....
8698	" " "	Potato Phosphate.....	Baltimore.....
8696	" " "	Superior Rock Phos.....	Baltimore.....
8699	" " "	XXV Phosphate.....	Baltimore.....
8657	E. A. Talbott, Ellicott City, Md.	Ammoniated Bone Phos.	Ellicott City.....
8656	" "	Grain and Grass Grower.	Ellicott City.....
8304	H. S. Taveau & Co., Baltimore, Md.	Dissolved S. C. Bone....	Baltimore.....
8701	" "	Potato Manure.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8634	.....	.....	.....	.....	.61	14.46	14	15.07	.....	$11.57	$11.20
8663	2.15	2	2.71	2	5.04	8.47	.....	13.51	25	19.64	.....
8661	1.16	1	2.05	2	.98	9.59	9	10.57	.....	15.51	14.00
8683	.73	1.50	2.21	2	.78	8.46	8	9.24	.....	11.32	14.50
8706	4.62	4	.....	.....	....	.....	.....	21.77	.....	30.05	.....
8685	.....	.....	2.12	2	.82	11.73	11	12.55	.....	11.66	10.80
8664	1.64	1.50	4.40	4	.83	8.67	8	9.50	....	18.32	16.50
8785	1.02	1	2.42	2.25	.82	11.26	9	12.08	... ...	17.07	14.25
8803	1.54	1.50	5.35	4.75	2.54	9.89	9	12.43	.....	20.62	18.25
8636	1.78	1.50	2.24	2	.81	9.24	9	10.05	.....	17.14	16.10
8886	6.18	10	....	.....	. ...	.....	.....	1.82	20	16.00	36.00
8679	.....	....	.....	.....	.41	15.62	14	16.03	.....	12.49	11.20
8833	1.33	1	1.22	1	1.39	8.75	8	10.14	.....	14.51	12 80
8700	.....	.....	2.28	2	2.25	9.36	11	11.61	.....	10.22	10.00
8697	1.98	2	2.53	2	3.66	7.52	8	11.18	.....	17.45	16.00
8649	1.13	1	1 15	1	.86	8.31	7	9.17	.....	13.19	11.00
8698	1.67	2	4.82	5	2.45	8.56	8	11.01	.....	19.37	19.00
8696	.....	.....	....	.....	.91	14.56	14	15.47	.....	11.65	11.20
8699	1.36	1	1.37	1	2.31	8.60	8	10.91	.....	14.97	12.00
8657	1.12	1	2.46	2	2.11	9.02	8	11.13	10	15.68	13.80
8656	2.17	2	3.55	3	.93	10 31	9	11.24	10	20.74	18.40
8804	.....	.....	....	.....	1.14	15.35	14	16.49	.....	12.28	11.20
8701	2.04	2	8.17	9	1.17	8.16	8	9.33	.....	22.92	23.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8626	H. S. Taveau & Co., Baltimore, Md.	Special Compound No. 2.	Baltimore.....
8807	" " "	Special Wheat Mixture..	Baltimore.....
8665	" " "	Wheat Corn and Oat Fertilizer.	Baltimore.....
8808	" " "	Wheat and Grass Compound.	Baltimore.....
8801	D. A. Thomas, Hagerstown, Md.	Bone Mixture.....	Hagerstown.....
8793	I. P. Thomas & Sons Co., Philadelphia, Pa.	Alkaline Bone.....	Hancock.....
8795	" " "	Dissolved Phosphate....	Hancock..... ...
8794	" " "	S. C. Phosphate.....	Hancock.....
8726	Wm. B. Tilghman Co., Salisbury, Md.	Ammoniated Bone and Potash.	Salisbury.....
8725	" " "	Mixture B.....	Salisbury .....
8724	" " "	Standard Fish.....	Salisbury .....
8727	E. S. Truitt, Salisbury, Md.	Fish Mixture XX.....	Salisbury .....
8758	Turner & Son, Betterton, Md.	Truck Guano for Tomatoes and Corn.	Betterton .....
8746	Tygert-Allen Fertilizer Co (A. A. C. Co.) Phila., Pa.	7 Per Cent. Guano.....	Snow Hill.....
8743	" " "	Star Dissolved S. C. Rock.	Snow Hill.....
8745	" " "	Standard Bone Phosphate.	Snow Hill.....
8744	" " "	Super Phosphate with Potash.	Snow Hill .....
8802	Va.-Carolina Chemical Co Richmond, Va.	14 Per Cent. Acid Phosphate.	Williamsport.....
8711	S. L. Webster & Son, Cambridge, Md.	No. II Ammoniated Bone Phosphate.	Baltimore.....
8805	" " "	Poudrette Mixture.....	Baltimore.....
8739	" " "	Rock and Murate of Potash.	Cambridge.....
8740	" " "	Special 6 Per Ct. Guano.	Cambridge.....
8800	M. E. Wheeler & Co. (A. A. C. Co., Rutland, Vt.)	Corn Fertilizer.....	Oakland.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value Per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8626	2.02	2	2.18	2	1.96	9.44	9	11.40	...	$18.46	$17.00
8807	.....	.....	2.62	2.50	.59	12.61	10	13.20	.....	12.83	10.70
8665	1.51	1.50	2.20	1.50	1.09	9.96	9	11.05	.....	17.12	15.40
8808	.....	.....	2.73	2.50	.89	11.81	11	12.70	.....	12.36	11.30
8801	2.13	2	2.84	2	3.45	9.37	10	12.82	.....	19.98	18.00
8793	.....	.....	2.50	2	1.64	10.94	10	12.58	.....	11.58	10.40
8795	.....	.....	.....	.....	3 22	9.33	10	12.55	11	7.46	8.00
8794	.....	.....	.....	.....	1.71	14.21	14	15.92	16	11.37	11.20
8726	1.14	1	1.46	2	.82	12.62	11	13.44	.....	17.83	16.00
8725	4.18	4	3.10	3	1.27	10.17	8	11.44	.....	26.32	23.00
8724	2.68	3	1.80	2	1.38	11.12	7	12.50	.....	21.51	18.80
8727	3.04	3	2.48	2	3.42	7.36	8	10.78	10	20.33	19.00
8758	1.78	1	3.05	2	2.28	8.51	8	10.79	.....	17.81	13.00
8746	6.70	7	5.07	5	1.52	6.88	6	8.40	.....	32.66	32.00
8743	.....	.....	.....	.....	1.40	12.56	14	13.96	.....	10.05	11.20
8745	2.01	2	2.18	2	1.16	8.92	8	10.08	.....	17.59	16.00
8744	....	.....	2.02	2	.68	10.90	10	11.58	.....	10.87	10.00
8802	.....	.....	.....	.....	1.45	15.83	14	17.28	.....	12.66	11.20
8711	2.17	2.40	2.38	2	4.22	6.93	8	11.15	.....	17.51	17.20
8805	.52	.50	4.19	3	3.92	6.21	6	10.03	7.12	11.48	9.52
8739	.....	.....	2.27	2	5.72	8.41	12	14.13	.....	10.14	11.60
8740	6 66	6	6.07	5	4.05	5.25	7	9.30	.....	32.92	30.00
8800	2.05	2	2.10	2	1.27	8.56	8	9.83	.....	17.32	16.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8798	M. E. Wheeler & Co. (A. A. C. Co.), Rutland, Vt	Electric Dis. Bone.....	Hancock.....
8799	" " "	Potato Manure.....	Hancock.....
8796	" " "	Royal Wheat Grower ...	Hancock.....
8797	" " "	Wheat and Clover Ferts.	Hancock.....
8751	Williams & Clark (A. A. C. Co.), New York.	Acid Phosphate.....	Ridgely.....
8750	" " "	Complete Fertilizer.....	Ridgely.....
8748	" " "	Fish and Potash.....	Ridgely... .....
8756	" " "	Pea, Tomato and Corn..	Masseys.....
8749	" " "	Royal Bone Phosphate..	Ridgely.....
8747	" " "	Spring Trucker.....	Ridgely.....
8728	F. M. Wilson, Pocomoke, Md.	Favcrite Truck Fertz...	Pocomoke.....
8729	" " "	Peninsula Amm'd. Super-Phosphate	Pocomoke.....
8676	R. A. Wooldridge Co., Baltimore, Md.	Champion Giant Phosphate.	Baltimore.....
8675	" " "	Chieftain Bone Phosphate	Baltimore..... ....
8677	" " "	Double Quick Pure Bone Phosphate.	Baltimore.....
8643	" " "	Florida Acid Phosphate.	Baltimore.....
8674	" " "	German Potash Mixture.	Baltimore.....
8642	" " "	Liberty Bell Potash Mixture.	Baltimore.....
8673	" " "	Old Sledge Phosphate...	Baltimore.....
8641	" " "	Special Potato Fertz...	Baltimore.....
8648	" " "	Sweepstakes Shure Shot Truck Phosphate.	Baltimore.....
8672	" " "	Triumph Pure Bone Phosphate.	Baltimore.....
8650	The Zell Guano Co (A. A. C. Co.), Balto., Md.	Special Compound for Potatoes and Veget'es.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8798	.....	.....	.....	.....	.40	15.18	14	15.58	.....	$12.14	$11.20
8799	2.25	2	2.35	2.50	1.78	8.57	8	10.35	.....	18.38	16.50
8796	1.08	1	2.37	2	1.02	8.78	8	9.80	.....	14.80	13.80
8797	.....	.....	2.21	2	.70	11.08	10	11.78	.....	11.21	10.00
8751	.....	.....	.....	.....	2.80	12.94	14	15.74	.....	10.35	11.20
8750	5.81	5	6.41	5	1.7·	6.42	7	8.12	.....	30.94	27.00
8748	1.86	2	3.21	2	2.60	8.04	8	10.64	.....	17.87	16.00
8756	.80	50	2.02	2	1.96	10.11	8	12.07	.....	12.90	9.90
8749	1.04	1	2.56	2	3.41	9.30	8	12.71	.....	16.34	13.00
8747	1.97	2	4.80	4	2 2·	9 20	8	11.47	.....	20.82	18.00
8728	2.27	3	6.51	6	1.47	9.72	9	11.19	.....	23.63	24.00
8729	1.20	1	2.68	1.50	.80	11.37	12	12.17	.....	17.97	16.50
8676	1.19	1	2.50	2	1.02	9.82	9	10.84	.....	16.30	14.60
8675	2.03	2	2.37	2	.82	8.68	8	9.50	.....	17.47	16.60
8677	3.09	2.75	3.20	3	1.52	8.72	9	10.24	... .	21.80	21.05
8643	.....	.....	.....	.....	.96	14.36	14	15.32	15	11.49	11.20
8674	.....	.....	2.11	2	.87	11.10	10	11.97	11	11.16	10.20
8642	.....	.....	2.91	3	.27	12.72	12	12.99	13	13.13	12.80
8673	1.08	1	1.24	1	.88	8.93	8	9.81	.....	13.76	12.40
8641	2.03	2	4 30	5	1.14	10.83	9	11.97	....	21.67	20.60
8648	3.26	3	....	.....	.88	7.59	7	8.47	8	17.72	16.40
8672	1.58	1.50	4.40	4	1.07	8.52	8	9.59	.....	18.09	17.30
8650	3.04	3	3.96	4	1.05	9.83	8	10.88	.....	23.33	21.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling.
8651	The Zell Guano Co., (A. A. C. Co.,) Balto., Md.	Dissolved Bone Phos....	Baltimore.....
8573	" " "	Dissolved Animal Bone..	Cambridge..... (T. H. Hopkins.)
8572	" " "	Dissolved S. C. Rock....	Cambridge..... (T H. Hopkins.)
8709	" " "	Hustler Phosphate.....	Baltimore.....
8658	" " "	Little Giant.....	Baltimore.....
8660	" " "	Special Com. for Potatoes & Vegetables.	Baltimore.....
8738	" " "	Zell's Economizer.....	Cambridge.....
8659	" " "	Zell's Electric Phos.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value Per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8561	.....	.....	.....	.....	.98	15.99	14	16.97	.....	$12.79	$11.20
8573	3.86	2.50	.....	.....	.60	10.25	12	10.85	.....	22.07	19.50
8572	.....	.....	.....	.....	.53	15.89	14	16.42	.....	12.71	11.20
8709	1.18	1	2.92	3	1.18	10.12	9	11.30	10	17.05	15.40
8658	1.15	1	1.19	1	.98	9.14	7	10.12	.....	14.17	11.00
8660	3.25	3	4.03	4	1.60	8.56	8	10.16	.....	22.98	21.00
8738	.97	1	2.17	2	1.61	8.99	8	10.60	.....	14.79	13.00
8659	.....	.....	2.16	2	.62	11.34	10	11.96	.....	11.31	10.00

Table Showing Mechanical Analysis of Ground Bone.

(The Chemical Analysis is Given in Preceding Table.)

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Fine Less than 1-50 inch.	Fine-Medium 1-25 to 1-50 inch.	Medium 1-25 to 1-12 inch.	Coarse Larger than 1-12 inch
8528	American Agricultural Chemical Co., New York.	Pure Ground Bone	51	31	18	0
8351	Armour Fertz. Works, Baltimore, Md	Bone Meal	54	19	17	0
8332	Baugh & Sons' Co., Baltimore, Md.	Bone Meal	52	33	15	0
8858	J. L. Bullock, Baltimore, Md.	Pure Ground Raw Bone	35	25	35	5
8846	Josiah Cope & Co., Lincoln University, Pa.	Pure Steamed Bone	75	18	7	0
8473	Griffith & Boyd, Baltimore, Md.	Pure Fine Ground Bone	38	23	38	1
8579	Griffith & Turner Co., Baltimore, Md.	Soft Ground Bone	68	17	13	2
8614	Hanway & Keen, Bel Air, Md.	H. & K. Ground Bone	66	20	14	0
8517	S. M. Hess & Bro., Phila., Pa.	Ground Bone	72	16	10	2
8347	Joshua Horner, Jr., & Co., Baltimore, Md.	Slaughter-House Bone Dust	40	22	38	0
8354	Hubbard & Co., Baltimore Md.	Warranted Pure Raw Bone	33	21	23	23
8609	Lister's Agricultural Chemical Works, Newark, N. J.	Pure Raw Bone Meal	45	30	24	1
8610	Maryland Fertz. Co., Baltimore, Md.	Pure Ground Bone	55	20	24	1
8511	Miller Fertz. Co, Balto., Md.	Ground Bone	59	22	19	0
8713	G. Ober & Sons' Co., Baltimore, Md.	Pure Bone Meal	68	15	14	3
8705	R. H. Pollock, Baltimore, Md.	Ground Animal Bone	59	39	2	0
8654	R. H. Pollock, Baltimore, Md.	Soft Ground Bone	73	15	10	2
8836	Henry Reckord Mfg. Co., Bel Air, Md.	Fine Ground Bone	63	18	16	3
8837	Henry Reckord Mfg. Co., Bel Air, Md.	Fine Ground Bone	50	25	25	0
8376	Henry Reckord Mfg. Co., Bel Air, Md.	Slaughter-House Bone	56	20	19	5
8841	W. P. Reckord, Reckord, Md.	Pure Ground Raw Bone	31	20	23	26
8766	The Scott Fertz. Co, Elkton, Md.	Pure Ground Raw Bone	28	32	33	7
8706	Southern Fertz. Co., York, Pa.	Pure Ground Bone	56	20	17	7

LIST OF FERTILIZERS LICENSED FOR SALE IN MARYLAND FOR THE YEAR ENDING FEBRUARY 1, 1902.

(Corrected to July 6, 1901.)

ALEXANDRIA FERTILIZER AND CHEMICAL CO., ALEXANDRIA, VA.

Alkaline Bone.
Ammoniated Dissolved Bone.
Animal Bone.
Corn and Oats.
Dissolved S. C. Rock.

AMERICAN AGRICULTURAL CHEMICAL CO., N. Y.

Dissolved Bone.
Ground Bone.
Canton Chemical Co., Baker's Dissolved S. C. Bone.
Canton Chemical Co. Baker's Fish Guano.
Canton Chemical Co. Baker's Special Wheat Corn and Grass Mixture.
Canton Chemical Co. Baker's Standard H. G. Guano.
Canton Chemical Co. Eagle Phosphate.
Canton Chemical Co. Game Guano.
Canton Chemical Co. Harrow Brand Crop Grower.
Canton Chemical Co. Patron's Bone Mixture.
Canton Chemical Co. Potato Manure.
Canton Chemical Co. Resurgum Guano.
Canton Chemical Co. Soluble Bone and Potash.
Canton Chemical Co. Trucker's Delight.
Clark's Cove Pea, Tomato and Corn.
Clark's Cove Unicorn.
Detrick's Ammoniated Bone Phosphate for Grass and Grain.
Detrick's Bone and Potash (16x4) Mixture.
Detrick's Corn and Oats Fertilizer.
Detrick's Dissolved S. C. Bone.
Detrick's Farmer's New Method.
Detrick's Fish Mixture.
Detrick's Gold Basis.
Detrick's Gold Eagle.
Detrick's Imperial Compound.
Detrick's Kangaroo Komplete Kompound.
Detrick's Orchilla Guano.
Detrick's Paragon Ammoniated Bone Phosphate and Potash.
Detrick's P. & B. Special Fertilizer.

Detrick's Quickstep Bone Phosphate for Potatoes and Tobacco.
Detrick's Royal Crop Grower.
Detrick's Soluble Bone Phosphate and Potash.
Detrick's Special Mixture
Detrick's Standard Potash Fertilizer.
Detrick's Tobacco Plant Bed Fertilizer.
Detrick's Vegetator Ammoniated Super Phosphate.
Lazaretto Ammoniated Bone Phosphate.
Lazaretto Bone Compound.
Lazaretto Crop Grower.
Lazaretto Dissolved Bone Phosphate.
Lazaretto Dissolved Bone and Potash.
Lazaretto Early Trucker.
Lazaretto Excelsior A. A. A.
Lazaretto Forsythe & Linthicum's Mixture.
Lazaretto Retriever Animal Bone Phosphate.
Lazaretto Special Potato Fertilizer.
Maryland Fertilizer Co. Alkaline Bone.
Maryland Fertilizer Co. Ammoniated Bone.
Maryland Fertilizer Co. Bono Superphosphate.
Maryland Fertilizer Co. Dissolved S. C. Phosphate.
Maryland Fertilizer Co. Magic Guano.
Maryland Fertilizer Co. Sangston's Cereal and Plant Food.
Maryland Fertilizer Co. Slingluff's Top Dresser.
Maryland Fertilizer Co. Tornado Fertilizer.
Maryland Fertilizer Co. Trucker's Favorite.
Nickerson's Acid Phosphate.
Nickerson's Advance Guano.
Nickerson's Mixture.
Nickerson's Truck Guano.
Reese's Ammoniated Bone Phosphate Mixture.
Reese's Crown Phosphate and Potash.
Reese's Dissolved Phosphate.
Sharpless & Carpenter's Dissolved Bone Phosphate for Potatoes and General Use.
Sharpless & Carpenter's Gilt Edge Potato and Truck Manure.
Sharpless & Carpenter's No. 1 Bone Phosphate.
Susquehanna Alkaline Bone Phosphate.
Susquehanna Ammoniated Bone Phosphate.
Susquehanna Crop Grower.
Susquehanna Grain and Grass Producer.
Susquehanna Potato Phosphate.
Susquehanna Pure Bone Phosphate.
Susquehanna Special Tomato Compound.
Susquehanna Superior Rock Phosphate.
Susquehanna XXV Phosphate.
Tygert—Allen's Dissolved S. C. Rock.

Tygert—Allen's Standard Bone Phosphate.
Tygert—Allen's Star Bone Phosphate.
Tygert—Allen's Star Soluble Bone and Potash.
Wheeler's Corn Fertilizer.
Wheeler's Electric Dissolved Bone.
Wheeler's H. G. Tomato.
Wheeler's Potato Manure.
Wheeler's Royal Wheat Grower.
Wheeler's Wheat and Clover Fertilizer.
Williams & Clark's Acorn Brand (Acid Phosphate).
Williams & Clark's Complete Fertilizer.
Williams & Clark's Fish and Potash.
Williams & Clark's Pea, Tomato and Corn.
Williams & Clark's Royal Bone.
Williams & Clark's Spring Trucker.
Zell's Ammoniated Bone Super Phosphate.
Zell's Dissolved Bone Phosphate.
Zell's Economizer Phosphate.
Zell's Electric Phosphate.
Zell's Little Giant.
Zell's Special Compound for Potatoes and Vegetables.

THE ARMOUR FERTILIZER WORKS, BALTIMORE, MD.

All Soluble.
Ammoniated Bone with Potash.
Bone Meal.
Fruit and Root Crop Special.
Grain Grower.
High Grade Potato.
Phosphate and Potash No. 1.
Special Compound.
Star Phosphate.
Tomato Grower.
Valley Tobacco.
Wheat, Corn and Oats Special.

BAUGH & SONS CO., BALTIMORE, MD.

Animal Bone and Potash Compound.
Bone Meal—Warranted Pure.
Double Eagle Phosphate.
Export Bone with Potash.
Fish Mixture.
General Crop Grower.
H. G. Acid Phosphate or Dissolved S. C. Rock
High Grade Tobacco and Truck Fertilizer.
Potato Fertilizer.
Pure Dissolved Animal Bone.
Tomato Compound.
Wheat Fertilizer.

BECK, WALKER & BROWN, CHESTERTOWN, MD.
Corn.
Propagator.
Tomato.
Trustworthy.
Try Me.

THE BERG CO., PHILADELPHIA, PA.
Pure Raw Bone Fine.
Special $25 Bone Manure.

C. M. BOHANAN & CO., BALTIMORE, MD.
Leader.

CHARLES E. BOND, SPENCERVILLE, MD.
Dissolved Rock.
Pure Ground Bone.

JAMES BONDAY, JR. & CO., BALTIMORE, MD.
Kainit.
Muriate of Potash.
Sulfate of Potash.

T. M. BRAMBLE & CO., CAMBRIDGE, MD.
Pea Grower.
Special Tomato Fertilizer.

JOSEPH L. BULLOCK, BALTIMORE, MD.
Dissolved Pure Raw Bone.
Pure Ground Raw Bone.

HENRY COPE & CO., LINCOLN UNIVERSITY, PA.
Ammmoniated Bone Phosphate.
N. C. Bone Phosphate.
Soluble Bone and Potash.

JOSIAH COPE & CO., LINCOLN UNIVERSITY, PA.
Acidulated Phosphate.
Ammoniated Bone Phosphate.
Pure Steamed Bone.
Try Me Bone Phosphate.

J. A. CRANSTON CO., WILMINGTON, DELAWARE.
Horse Shoe Soluble Bone.
Horse Shoe Soluble Bone and Potash.

WILLIAM DAVISON & CO., BALTIMORE, MD.
"Bos" Ammoniated Super Phosphate.
Dissolved S. C. Bone.
H. G. Ammoniated Super Phosphate.

Penn-Mar Ammoniated Bone Phosphate.
Pure Bone Meal.
Special Mixture.

L. E. P. DENNIS & SON, CRISFIELD, MD.
No. 1 Fish and Potash Mixture.
No. 2 Fish and Potash Mixture.
Truck and Tomato.

J. W. DORSEY, ELLICOTT CITY, MD.
Ammoniated Bone Phosphate.

DUDLEY & CARPENTER, BALTIMORE, MD.
California Tobacco Compound.
S. C. Rock Phosphate.
Special Tobacco Plant Guano.
Special Wheat Mixture.

THOMAS W. ELIASON. CHESTERTOWN, MD.
No. 1.
Our Special Dissolved Bone and Alkaline Super Phosphate.

D. ENGLAR, JR., MEDFORD, MD.
No. 3 Bone Phosphate.

ENGLAR & RINEHART, LINWOOD, MD.
No. 1 Ammoniated Bone Phosphate.
No. 2 Ammoniated Bone Phosphate.

EUREKA FERTILIZER CO., PERRYVILLE, MD.
Alkaline Bone and Potash.
Corn and Potato Special.
Dissolved Bone.
Farmer's Favorite Bone Phosphate.
Fish, Rock and Potash.
Potato and Vegetable Fertilizer.
P. & P. Super Phosphate.

WASHINGTON EWING, LANDENBERG, PA.
Pure Raw Bone.

W. S. FARMER & CO., BALTIMORE, MD.
B. & P.
Clyde Brand.
Harvest Queen.
No. 1 Potato Manure.
Special Tobacco and Potato Guano.
Standard.

FARMER'S FERTILIZER CO., WESTMINSTER, MD.
Acid Phosphate.
Carroll Bone Phosphate.
No. 1 Bone Phosphate.
No. 2 Bone Phosphate.
No. 3 Bone Phosphate.
P. A. & P. Phosphate.
XX Bone Phosphate.

N. I. GORSUCH & SON, WESTMINSTER, MD.
Westminster Dissolved Raw Bone Phosphate.

GRIFFITH & BOYD, BALTIMORE, MD.
Ammoniated Bone Phosphate.
Ammoniated Soluble Bone.
Bone Meal.
Cereal Bone Plant Food.
Farmer's Potato Manure.
Fish, Bone and Potash.
High Grade Acid Phosphate.
Peerless Fertilizer.
Pure Dissolved Animal Bone.
Soft Ground Bone.
Special Grain Grower.
Spring Crop Grower.
Stable Manure Substitute.
Thos. C. Hunter's Extra Ammoniated Bone Phosphate.
Valley Fertilizer.
XX Potash Manure.

GRIFFITH & TURNER CO., BALTIMORE, MD.
Ammoniated Alkaline Plant Food.
Ammoniated Butcher's Bone Phosphate.
Animal Bone Phosphate.
Dissolved Bone.
High Grade Acid Phosphate.
Soft Ground Bone.
Tobacco Bed Fertilizer.

THE HANOVER FERTILIZER CO., BALTIMORE, MD.
Blood & Bone Compound.
Dissolved S. C. Rock.
Excelsior Combine.
Farmer's Crop Winner.
Pure Bone Meal.
Royal Bone and Potash.

HANWAY & KEEN, BEL AIR, MD.
H. & K. Ground Bone.
H. & K. Special.
H. & K. Standard.

S. M. HESS & BRO., PHILADELPHIA, PA.
Ammoniated Bone Super Phosphate.
Ground Bone.
Keystone Bone Phosphate.
Potato and Truck Manure.
Soluble Bone Phosphate.
Soluble Bone and Potash.
Special Compound.
Special Corn Manure.
Wheat and Grass Manure.

THE HOME FERTILIZER WORKS, BALTIMORE, MD.
Home Fertilizer.

W. H. HOOD, MT. AIRY, MD.
Special Mixture for Grain and Grass.

JOSHUA HORNER, JR. & CO., BALTIMORE, MD.
Ammoniated Raw Bone Super Phosphate.
Dissolved Slaughter House Bone Dust.
Md. Concentrated Super Phosphate.
Slaughter House Bone Dust.

THE HUBBARD FERTILIZER CO., BALTIMORE, MD
Columbia Gem Phosphate.
Farmer's I. X. L. Super Phosphate.
H. G. Soluble Tennessee Phosphate.
Oriental Phosphate for Wheat and Grass.
Pure Dissolved Raw Bone.
Royal Ensign.
Soluble Bone and Potash.
Standard Bone Super Phosphate.
Trucker's 7 per cent. Royal Seal Compound.
Warranted Pure Raw Bone.

T. R. HUBBARD & SON, CHESTERTOWN, MD.
Hubbard's Victor.
Our New Process Peruvian Guano.
Our Peerless Fertilizer.
Our Special Potato Manure.
Our Special 10 per cent.
Special Mixture.

S. L. LAMBERD CO., BALTIMORE, MD.
"Boss" Fertilizer.
Favorite Fertilizer.
High Grade Acid Phosphate.
Special Truck Grower.

LISTER'S AGRICULTURAL CHEMICAL WORKS, NEWARK, NEW JERSEY.

Ammoniated Dissolved Bone.
Animal Bone and Potash.
Celebrated Ground Bone.
Crop Producer.
Harvest Queen.
Potato Manure.
Pure Raw Bone Meal.
Special Potato Fertilizer.
Standard Pure Bone Super Phosphate of Lime.
Success Phosphate.

F. MAYNARD, BALTIMORE, MD.

Maynard's Choice.
Special Vegetator.
Trucker's Pride.

F. MEHRING, BRUCEVILLE, MD.

Acid Phosphate.
Dissolved Raw Bone.
Emmert's Half and Half.
General Crop Grower.
$26 Phosphate.

MILLER FERTILIZER CO., BALTIMORE, MD.

Ammoniated Dissolved Bone.
Ground Bone.
Harvest Queen.
Hustler.
McAfee's Standard Ammoniated Bone Phosphate.
No. 1 Potato and Vegetable Grower.
Potato and Vegetable Grower.
Special Tobacco Grower.
Special Tomato Grower.
Standard.
W. G. Phosphate.

G. R. MOWELL, GLENCOE, MD.

Pure Dissolved S. C. Rock.
Standard Bone Phosphate.

J. B. NICHOLS & SON, BALTIMORE, MD.

Farmer's Friend Fertilizer.

G. OBER & SONS CO., BALTIMORE, MD.

Avondale Ammoniated Dissolved Bone.
Dissolved Animal Bone.
Dissolved Bone Phosphate.
Dissolved Bone and Potash.

Farmer's Mixture.
Farmer's Standard Ammoniated Phosphate.
Fish, Bone and Potash Mixture.
Fish and Potash Fertilizer.
Independent Ammoniated Super Phosphate.
Pure Bone Meal.
Pure Raw Bone Meal.
Special Compound for Tobacco.
Special Plant Food.
Special Tobacco Bed Fertilizer—10 per cent.
Edelen's H. G. Tobacco Fertilizer.
Edelen's Special Tobacco Bed Fertilizer—10 per cent.
Edelen's Special Tobacco Guano.
Edelen's Special Wheat and Grass Mixture.

PATAPSCO GUANO CO., BALTIMORE, MD.

Baltimore Soluble Phosphate.
Coon Brand Guano.
Corn and Tomato Fertilizer.
Dissolved Raw Bone.
Early Trucker—For Quick Growth.
Fish Guano.
Grain and Grass Producer.
Grange Mixture.
High Grade Bone and Potash.
Pure Dissolved S. C. Bone.
Pure Ground Bone.
Sea Gull Guano.
Soluble Bone and Potash.
Special Wheat Compound.
Tobacco Fertilizer.
Tobacco and Potato Fertilizer.

PEARRE & CLEMSON, UNION BRIDGE, MD.

Farmer's Choice.
No. 1 Bone Phosphate.
Union Bridge Favorite.

PIEDMONT-MT. AIRY GUANO CO., BALTIMORE, MD.

Atlas Fertilizer.
Caroline Mixture for all Crops.
Insula Guano for all Crops.
Levering's Excelsior.
Levering's Standard.
Mt. Airy Garden and Truck Fertilizer.
Piedmont High Grade S. C. Bone.
P. P. P. Piedmont Potato Producer.
Piedmont Pure Raw Bone Mixture.
Piedmont Royal Ammoniated Bone and Potash.

R. H. POLLOCK, BALTIMORE, MD.
Accomac Trucker.
Ammoniated Bone Phosphate.
Dissolved Animal Bone.
Dissolved S. C. Bone.
Owl Brand Guano.
Soft Ground Bone.
Soluble Bone Phosphate.
Special Potato and Tobacco Fertilizer.
Superior Corn and Tomato Fertilizer.
Victor Bone Phosphate.

W. S. POWELL & CO., BALTIMORE, MD.
Dissolved S. C. Bone.
Prepared Chemicals.
Red Bag Fertilizer.

THE RAMSBURG FERTILIZER CO.
Alkaline Phosphate.
Ammoniated Bone Phosphate.
Corn and Potato Fertilizer.
Dissolved Animal Bone.
Dissolved Bone Super Phosphate.
Excelsior Plant Food.
Old Va. Compound.

RASIN-MONUMENTAL CO., BALTIMORE, MD.
Arundel Complete.
Monumental Acid Phosphate.
Monumental Soluble Bone Phosphate and Potash.
Rasin's Acid Phosphate.
Rasin's Ammoniated Super Phosphate.
Rasin's Bone and Potash Fertilizer.
Rasin's Empire Guano.
Rasin's XXX Fertilizer.
Wm. Penn Crop Grower.

REDDEN, PARADEE & CO., POCOMOKE CITY, MD.
Special Potato.

WM. G. RINEHART, WESTMINSTER, MD.
No. 2 Bone Phosphate.
No. 3 Bone Phosphate.

W. E. ROBINSON, BEL AIR, MD.
Grain and Fruit Fertilizer.
Potato Manure.
Tomato Grower.
Vegetable Fertilizer.
Wheat and Grass.

CHARLES SCHAEFFER, WESTMINSTER, MD.
Big Gun.
Governor.
H. G. Acid Phosphate or Dissolved S. C. Rock.
Leader.
Super A.

THE SCOTT FERTILIZER CO., ELKTON, MD.
Corn and Oats Fertilizer.
Elk Head Super Phosphate.
Potato, Truck and Tobacco Grower.
Pure Ground Raw Bone.
Standard Phosphate.
Sure Growth Compound.
Sure Growth Super Phosphate.
Tip Top and Potash.
Tip Top Soluble Bone.

SMITH, ROUSE & WEBSTER, BEL AIR, MD.
Pure Dissolved Bone.
Special Formula No. 1.
Special Formula No. 2.

SOUTHERN FERTILIZER CO., YORK, PA.
Ammoniated Dissolved Bone.
Dissolved Bone Phosphate.
Farmer's Choice Brand.
General Crop Grower.
Ox Brand Export Bone with Potash.
Pure Ground Bone.
Queen of Harvest.
Soluble Bone and Potash.
Special Potato Grower.

GEORGE W. STOCKSDALE, THURMONT, MD.
Ammoniated Super Phosphate.

J. W. STONEBRAKER & SON, HAGERSTOWN, MD.
Champion Fertilizer.

WM. H. STREET & CO., FALLSTON, MD.
Ammoniated Dissolved Bone.
Special Crop Grower.

J. W. SULLIVAN, MONROVIA, MD.
S. S. S. Sullivan's Sure Success.

E. A. TALBOTT, ELLICOTT CITY, MD.
Ammoniated Bone Phosphate.
Grain and Grass Grower.

H. S. TAVEAU & CO., BALTIMORE, MD.
Allerton Guano.
Dissolved S. C. Bone.
Special Compound.
Special Wheat Mixture.
Wheat and Grass Compound.

D. A. THOMAS, HAGERSTOWN, MD.
Bone Mixture.

WM. B. TILGHMAN, SALISBURY, MD.
Ammoniated Bone and Potash.
Bone—Tankage Mixture.
Fish Mixture.
Mixture B.

E. S. TRUITT, SALISBURY, MD.
Fish Mixture XX.

TURNER & SON, BETTERTON, MD.
Turner's Truck Guano.

J. TYSON & SON, FREDERICK, MD.
Ammoniated Super Phosphate.

VIRGINIA—CAROLINE CHEMICAL CO., RICHMOND, VA.
14 per cent. Acid Phosphate.

F. M. WILSON, POCOMOKE CITY, MD.
Favorite Truck.
Peninsula.

THE ROBERT A. WOOLDRIDGE CO., BALTIMORE, MD.
Champion Giant Phosphate.
Chieftain Bone Stock Phosphate.
Double Quick Pure Bone Phosphate.
Florida Acid Phosphate.
German Potash Manure.
Liberty Bell Potash Mixture.
Old Sledge Phosphate.
Special Potato Fertilizer.
Sweepstakes (sure shot) Truck Phosphate.
Triumph Pure Bone Phosphate.

Fertilizer Law of Maryland.

CHAPTER 397.

AN ACT to repeal sections one, two, three, four, five, six, seven, eight, nine, ten and eleven, of Article sixty-one, of Public General Laws, entitled "Manures and Fertilizers," as amended and re-enacted by Chapter three hundred and eighty-seven, Acts of 1890, and to re-enact the same with amendments.

Section 1. Be it enacted by the General Assembly of Maryland, That sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11, of Article 61, of the Code of Public General Laws, as amended and re-enacted by Chapter 387, of Acts of 1890, be and the same are hereby repealed and re-enacted to read as follows:

Section 1. That the term fertilizer, as used in this Act, shall be held to mean any commercial fertilizer, or any article, substance or mixture sold, offered or exposed for sale for manurial purposes within this State, of which the selling price shall be more than ten dollars per ton of two thousand pounds.

That the term brand, as used in this Act, shall be held to mean the name under which the commercial fertilizer is sold, together with the statement of the percentage of valuable ingredients contained therein.

That the professor in charge of the Chemical Department of the Maryland Agricultural College shall be *ex-officio* State Chemist, or (that the term State Chemist, as used in this Act, shall mean the professor in charge of the Chemical Department of the Maryland Agricultural College.)

Sec. 2. And be it enacted, That before any fertilizer is sold, offered or exposed for sale within the State, the following conditions must be complied with: (1) The importer, manufacturer, manipulator, dealer or agent shall take out a license for the sale of fertilizer, which license shall be rated upon the number of brands contemplated to be sold at the rate of fifteen dollars for each brand; said license to be prepared and furnished by the Comptroller of the Treasury, and to be issued at any time, to be good until the first day of February following; provided, that when any such importer, manufacturer or manipulator shall have taken out a license as herein provided, it shall not be necessary for any other person, as his agent or representative, to take out a license to sell the fertilizers provided for by the party who has taken out such license. (2) Every bag, barrel or package of fertilizer, and

every parcel or lot, if sold in bulk, must bear in legible print, or be accompanied by a clear and true statement showing the net pounds of fertilizer in the package or lot, the name, brand or trade-mark under which the fertilizer is sold, the name and address of the importer, manufacturer or manipulator, the place of manufacture or manipulation, and a chemical analysis stating the percentum of the minimum, and only the minimum, contained therein of nitrogen or its equivalent in available ammonia, of potash soluble in distilled water, and of available phosphoric acid.

Sec. 3. And be it enacted, That any failure to comply with any or all of the conditions provided in section two of this Act, shall be punishable by a fine of one hundred dollars ($100) for the first offence, and of two hundred dollars ($200) for every subsequent offence.

Sec. 4. And be it enacted, That any person, firm or company selling or offering for sale any fertilizer in this State, or intending so to do, and not licensed by the Comptroller as provided by this Act, shall on or before the thirty-first day of July in each and every year, send his or their name or names with the postoffice address and the names of the kinds, brands and trade-marks, and of the manufacturer, importer or manipulator of each fertilizer sold or proposed to be sold to the Maryland Agricultural College, and the same shall be registered in suitable books kept for that purpose, and any failure to comply with the provisions of this section, shall be punishable by a fine of twenty-five dollars ($25) for the first offence and of fifty dollars ($50) for every subsequent offence.

Sec. 5. And be it enacted, That it shall be duty of the Maryland Agricultural College to analyze without cost or charge, all samples of fertilizer sent to it for the purpose of being analyzed by any person or persons purchasing or procuring the same in this State for his or their use or uses; provided, such persons are not interested in the analysis desired other than a consumer, of which affidavit shall be made and shall accompany each sample or brand; and further, such samples are taken and sent as described by this Act and free of cost of transportation to said College, and it shall be the duty of the Maryland Agricultural College to procure samples as far as practicable in every year, of all the fertilizers sold and used in this State, for the purpose of analyzing the same, and any duly authorized agent or representative of the said College shall have the right to take samples as provided by the Act from any lot or parcel of fertilizer in transit or in possession or keeping of any manufacturer, manipulator, dealer or agent, and sold or offered for sale in this State, and it shall be the duty of the Maryland Agricultural College to send in the result of every sample of fertilizer to the persons from whom such sample was taken or received, and also to publish from time to time the results of the analysis made by the said college of the samples sent to or procured by it for such purpose, and it shall be the duty of the Maryland Agricultural College when reporting or publishing the result of any analysis made, to state the com-

mercial value in dollars and cents of the fertilizer so analyzed, per ton of two thousand pounds, such value to be based upon the analysis made by the college, and upon a standard of valuation to be ascertained, fixed and published by said college, annually, after conference with the proper officials of adjacent States.

Sec. 6. And be it enacted, That all samples of fertilizers for analysis at the Maryland Agricultural College shall be taken from unbroken packages that have not been injured in transit or by exposure, and when in the possession of purchasers within thirty days after coming into their possession, and every such sample when taken by an agent or representative of the college, shall be taken in the presence of the owner, agent or dealer in possession thereof, or of his or their representatives, and when by an owner or consumer, it shall be taken in the presence of one disinterested witness; and every sample shall be taken from a bag or package or a number of bags or packages, which shall not be less than five per cent. of the whole lot to which the sampling pertains; and in every case not over two pounds shall be taken from near the top, the bottom and the middle of the bag or packages sampled, and these portions shall be thoroughly mixed in a clean dry place, and a suitable sample shall be taken from said mixture and placed in a suitable vessel or vessels carefully closed with identifying labels, both within and without the vessel or vessels, and the same then taken or sent by safe carriage to the said college for analysis; and there shall accompany every such sample a full and complete statement and description of the place and time of sampling, of the lot of fertilizer sampled, of all marks on the bags or packages thereof, and other facts relating to the same, and such statement and description shall be signed by the person who does the sampling and by the witness thereto.

Sec. 7. And be it enacted, That the funds received by the Comptroller from the licenses issued under this Act shall be paid into the Treasury and be set apart as a specific fund to pay the cost and expenses of conducting the analysis provided for in section five of this Act, and the Treasurer shall semi-annually pay over to the Maryland Agricultural College the money received from said licenses; provided, that the amount paid in any one year shall not be more than at the rate of fifteen dollars ($15) for each sample of fertilizer analyzed by the said College.

Sec. 8. And be it enacted, That any purchaser of fertilizer who shall be injured or defrauded by the contents of the bag, barrel or other packages, not conforming in quantity or quality to the marks, labels or statements on or accompanying the same, may recover from the seller or sellers thereof, in an action of debt, an amount equal to the purchase money of said fertilizer and the cost of suit; and in case the purchase is made of an agent of any person or persons residing out of the limits of the State of Maryland, or company or corporation whose principal place of business is out of the State, manufacturing, compounding, preparing and furnishing for sale any such commercial fertilizer,

the purchaser thereof may, at his or her option, proceed by attachment, as now provided for by law in cases of non-resident and absconding debtors, against any property, rights or credit of any person, persons, company or corporation selling, manufacturing, preparing, compounding or furnishing said fertilizer when such property, rights or credits can be found within the limits of the State of Maryland.

Sec. 9. And be it enacted, That any manufacturer, dealer, agent or other person or persons who shall adulterate, add to or take anything from any fertilizer, sold or offered for sale within this State, or who shall use the brand or trade mark of any manufacturer or dealer other than his own, shall be deemed guilty of a misdemeanor, and shall upon conviction thereof in any Court having jurisdiction, be punished by a fine not exceeding two hundred dollars ($200) and imprisonment in jail not exceeding six months, or by fine and imprisonment at the discretion of the Court before whom he shall be tried.

Sec. 10. And be it enacted, That this Act shall not affect parties importing, manufacturing or manipulating fertilizer for their own use if not sold or disposed of; and it shall not apply to substances and materials sold in bulk to manufacturers or manipulators of fertilizer, and nothing in this Act shall prevent the buyer and seller from making contracts in reference to the price to be paid dependent upon the composition or quality of the fertilizer contracted for, but no arrangement or agreement, verbal or written, made by or between any seller and buyer of fertilizer in this State, for the purpose of exonerating the seller or manufacturer from liability for any violation of any of the provisions of this Act shall exempt any person from such liability.

Sec. 11. And be it enacted, That it shall be the duty of all State's Attorneys to prosecute all persons accused of violating this Act, or any of the provisions of this Act, or of the Act to which this is a supplement.

Sec. 12. And be it enacted, That this Act shall take effect on the first day of May, in the year eighteen hundred and ninety-four.

Approved April 6th, 1894.

FRANK BROWN,
Governor.

JAS. H. PRESTON,
Speaker of the House of Delegates.

JOHN WALTER SMITH,
President of the Senate.

APPRENTICESHIPS IN AGRICULTURE.

The Agricultural Experiment Station, instead of having all the work in the dairy and horticultural divisions performed by regular paid laborers, has some performed by apprentices. The apprenticeships in these divisions have been established with five objects in view, viz:

1st. In order to offer to young men, who have a good common school education and who have not the means for taking either a regular college course or even a short course, an opportunity to become trained and skilled laborers in the dairy or some class of horticultural work.

2nd. In order to enable young farmers to take up and engage in some of the specialties in farming on their own farms in an intelligent manner.

3rd. In order to supply some of the numerous applications that come to the College and Station for skilled help of the character indicated.

4th. In order to have some of our labor performed by persons who have more interest in what they are doing than the money they are to receive.

5th. In order to give the College and Station a nucleus for the extension of their work and a more appreciative constituency.

These apprenticeships are open to farmer's sons on the following terms: The Station will board and room the apprentice or pay the equivalent in money, as preferred.

The Station will furnish the instruction and facilities for instruction given in the several branches pertaining to the specialty taken up.

Those serving a dairy apprenticeship will be expected to devote from three to five hours of each day in receiving class room instruction and in study, besides the time devoted to practice in the skilled operations. It is expected that apprentices shall become thoroughly familiar with the scientific feeding of dairy stock and with all the modern practices pertaining to dairy and creamery management. The plan pursued is to divide the work which would ordinarily be performed by one laborer among three apprentices. A dairy apprentice is expected to stay at the Station for six months.

The horticultural apprentices are to serve for one year on the same terms as the dairy apprentice. The instruction taken in this division will be given at the same time and with short course students of the College. The horticultural apprentice will be expected to take part in all classes of the work of this division, but he may specialize so as to become specially skilled in either large fruits, small fruits, truck crops, floriculture, nursery management, green house management, or spraying. The apprentices shall have access to the libraries and reading rooms of the Station at all times.

The Station can accommodate but a limited number of appren-

tices and vacancies will be filled in the order in which applications for the same are received.

After an apprentice has served his time and should he desire a position, we will take pleasure in recommending him to a place whenever we have a request for skilled help in that particular line; provided that such apprentice has proven himself worthy. So far we have had more applications for skilled help on farms and in creameries than we have have been able to supply.

Make all applications and requests for further information to,

The Director of the Maryland Agricultural Experiment Station,
College Park, Md.

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To The Farmer of Maryland:

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President Maryland Agricultural College,
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